Symbol	Typ	Titel
B	**Sektion**	**SECTION B — PERFORMING OPERATIONS; TRANSPORTING**
B65	**Klasse**	**CONVEYING; PACKING; STORING; HANDLING THIN OR FILAMENTARY MATERIAL**
B65G	**Unterklasse**	**TRANSPORT OR STORAGE DEVICES, e.g. CONVEYERS FOR LOADING OR TIPPING; SHOP CONVEYER SYSTEMS; PNEUMATIC TUBE CONVEYERS (transport or storage devices used in a particular handling or treatment of articles or materials, see the relevant subclass, e.g. in metal-working B21D 43/00, B23Q 7/00, B23Q 41/02; vehicle, railway, sea or aircraft aspects B60-B64; transportation, conveyor or haulage systems specially adapted for motor vehicle or trailer assembly lines B62D 65/18; in packaging B65B; handling thin or filamentary materials B65H; hoisting, lifting, hauling, e.g. truck loaders B66; handling liquids B67; specially adapted to underground conditions E21F 13/00; storing or distributing gases or liquids F17; in handling radioactive materials G21C 19/00)**
		Storing; Storage devices
B65G 1/00	**Hauptgruppe**	**Storing articles, individually or in orderly arrangement, in warehouses or magazines (conveyer combinations in warehouses, magazines, or workshops B65G 37/00; stacking of articles B65G 57/00; removing articles from stacks B65G 59/00; loading machines B65G 65/02; arrangements of articles for drying or baking in kilns or ovens F26, F27)**
B65G 1/02	1-Punkt Untergruppe	. Storage devices (furniture, shop fittings, table equipment A47B, A47F, A47G; mechanical garages E04H; for data record cards in association with machines for marking or sensing data G06K; coin changers or sorters G07D; coin-freed apparatus G07F)
B65G 1/04	2-Punkt Untergruppe	. . mechanical
B65G 1/06	3-Punkt Untergruppe	. . . with means for presenting articles for removal at predetermined position or level (B65G 1/12 takes precedence) [3]
B65G 1/07	4-Punkt Untergruppe	. . . . the upper article of a pile being always presented at the same predetermined level [3]
B65G 1/08	4-Punkt Untergruppe	. . . . the articles being fed by gravity
B65G 1/10	3-Punkt Untergruppe	. . . with relatively-movable racks to facilitate insertion or removal of articles
B65G 1/12	3-Punkt Untergruppe	. . . with article supports or holders movable in a closed circuit to facilitate insertion or removal of articles
B65G 1/127	4-Punkt Untergruppe	. . . . the circuit being confined in a vertical plane [3]
B65G 1/133	4-Punkt Untergruppe	. . . . the circuit being confined in a horizontal plane [3]
B65G 1/137	3-Punkt Untergruppe	. . . with arrangements or automatic control means for selecting which articles are to be removed (devices for feeding articles to conveyers from several groups of articles B65G 47/10) [4]
B65G 1/14	2-Punkt Untergruppe	. . Stack holders or separators
B65G 1/16	1-Punkt Untergruppe	. Special arrangements of articles in storage spaces
B65G 1/18	2-Punkt Untergruppe	. . Articles inclined so as to be mutually self-supporting
B65G 1/20	2-Punkt Untergruppe	. . Articles arranged in layers with spaces between articles
B65G 3/00	**Hauptgruppe**	**Storing bulk material or loose, i.e. disorderly, articles (filling or emptying storage spaces or containers, spreading-out or piling-up bulk material or loose articles B65G 65/28, B65G 65/30, B65G 69/04; storing agricultural or horticultural produce A01F 25/00)**
B65G 3/02	1-Punkt Untergruppe	. in the open air (B65G 3/04 takes precedence)
B65G 3/04	1-Punkt Untergruppe	. in bunkers, hoppers or like large containers (such containers per seB65D 88/00)
B65G 5/00	**Hauptgruppe**	**Storing fluids in natural or artificial cavities or chambers in the earth (modification of mine**

Symbol	Typ	Titel
		passages or chambers for storage purposes, especially for fluids E21F 17/16)
		Devices assisting manual conveyance of articles over short distances, e.g. in storage depots, warehouses, or factories (chutes B65G 11/00; roller-ways B65G 13/00; luggage carriers A45C 13/38; holders or carriers for hand articles or for use while travelling or camping A45F 5/00; vehicles in general, axles, wheels B60; air-cushion vehicles B60V; handcarts, sledges, features of hand-propelled wheeled devices or pedestrian-controlled, power-driven vehicles equally applicable to handcarts B62B; ship-moving devices B63C, E02C; containers, pallets B65D; air-cushions as bearing elements F16C 29/00)
B65G 7/00	**Hauptgruppe**	**Devices for moving or tilting heavy loads (for tilting and emptying barrels or casks B65G 65/24)**
B65G 7/02	1-Punkt Untergruppe	. Devices adapted to be interposed between loads and the ground or floor, e.g. crowbars with means for assisting conveyance of loads (crowbars per seB66F 15/00)
B65G 7/04	2-Punkt Untergruppe	. . Rollers
B65G 7/06	2-Punkt Untergruppe	. . using fluid at high pressure supplied from an independent source to provide a cushion between load and ground
B65G 7/08	2-Punkt Untergruppe	. . for tilting the loads
B65G 7/10	2-Punkt Untergruppe	. . for rolling cylindrical loads
B65G 7/12	1-Punkt Untergruppe	. Load-carriers, e.g. hooks, slings, harness, gloves, modified for load-carrying
B65G 9/00	**Hauptgruppe**	**Apparatus having suspended load-carriers movable by hand or gravity (manually-operated endless-rope or chain conveyers B65G 17/00; railway systems B61B)**
		Chutes; Kinds or types of conveyers; Constructional features, details, or auxiliary devices peculiar to conveyers of particular types (feeding or discharging conveyers by devices incorporated in, or operatively associated with, conveyers B65G 47/00; loading or unloading B65G 65/00; escalators or moving walkways B66B 21/00; drag-line scraper conveyers E02F 3/46) [4]
B65G 11/00	**Hauptgruppe**	**Chutes (used as storage devices B65G 1/02, B65D 88/26; for sports, games, or amusements A63G 21/00; for refuse disposal in buildings E04F 17/12)**
B65G 11/02	1-Punkt Untergruppe	. of straight form
B65G 11/04	1-Punkt Untergruppe	. for mail in buildings
B65G 11/06	1-Punkt Untergruppe	. of helical or spiral form
B65G 11/08	1-Punkt Untergruppe	. with discontinuous guiding surfaces, e.g. arranged in zig-zag or cascade formation
B65G 11/10	1-Punkt Untergruppe	. flexible
B65G 11/12	1-Punkt Untergruppe	. pivotable
B65G 11/14	1-Punkt Untergruppe	. extensible, e.g. telescopic
B65G 11/16	1-Punkt Untergruppe	. Interior surfaces; Linings
B65G 11/18	1-Punkt Untergruppe	. Supports or mountings
B65G 11/20	1-Punkt Untergruppe	. Auxiliary devices, e.g. for deflecting, controlling speed of, or agitating, articles or solids
B65G 13/00	**Hauptgruppe**	**Roller-ways (storage devices comprising roller-ways B65G 1/02; endless-chain conveyers comprising load-supporting rollers B65G 17/00; rollers, or arrangements thereof B65G 39/00; in metal-rolling equipment B21B 39/00, B21B 41/00)**
B65G 13/02	1-Punkt Untergruppe	. having driven rollers
B65G 13/04	2-Punkt Untergruppe	. . all rollers driven
B65G 13/06	2-Punkt Untergruppe	. . Roller driving means [3]
B65G 13/07	3-Punkt Untergruppe	. . . having endless driving elements

Symbol	Typ	Titel
B65G 13/071	3-Punkt Untergruppe	. . . with frictional engagement
B65G 13/073	3-Punkt Untergruppe	. . . comprising free-wheel gearing
B65G 13/075	1-Punkt Untergruppe	. Braking means [3]
B65G 13/08	1-Punkt Untergruppe	. of curved form; with branch-offs
B65G 13/10	2-Punkt Untergruppe	. . Switching arrangements
B65G 13/11	1-Punkt Untergruppe	. Roller frames
B65G 13/12	2-Punkt Untergruppe	. . adjustable
B65G 15/00	**Hauptgruppe**	**Conveyers having endless load-conveying surfaces, i.e. belts and like continuous members, to which tractive effort is transmitted by means other than endless driving elements of similar configuration (having load-conveying surfaces formed by interconnected longitudinal links B65G 17/06)**
B65G 15/02	1-Punkt Untergruppe	. for conveying in a circular arc
B65G 15/04	1-Punkt Untergruppe	. the load being carried on the lower run of the endless surface
B65G 15/06	1-Punkt Untergruppe	. with oppositely-moving parts of the endless surface located in the same plane and parallel to one another
B65G 15/08	1-Punkt Untergruppe	. the load-carrying surface being formed by a concave or tubular belt, e.g. a belt forming a trough
B65G 15/10	1-Punkt Untergruppe	. comprising two or more co-operating endless surfaces with parallel longitudinal axes, or a multiplicity of parallel elements, e.g. ropes defining an endless surface
B65G 15/12	2-Punkt Untergruppe	. . with two or more endless belts
B65G 15/14	3-Punkt Untergruppe	. . . the load being conveyed between the belts
B65G 15/16	4-Punkt Untergruppe	. . . . between an auxiliary belt and a main belt
B65G 15/18	3-Punkt Untergruppe	. . . the belts being sealed at their edges (endless- surface conveyers having a single belt with sealed edges B65G 15/08)
B65G 15/20	3-Punkt Untergruppe	. . . arranged side by side, e.g. for conveyance of flat articles in vertical position (for conveying sheets or like thin flat articles B65H)
B65G 15/22	1-Punkt Untergruppe	. comprising a series of co-operating units
B65G 15/24	2-Punkt Untergruppe	. . in tandem
B65G 15/26	2-Punkt Untergruppe	. . extensible, e.g. telescopic
B65G 15/28	1-Punkt Untergruppe	. Conveyers with a load-conveying surface formed by a single flat belt, not otherwise provided for
B65G 15/30	1-Punkt Untergruppe	. Belts or like endless load-carriers (co-operating with rails or the like B65G 21/22; with rollers B65G 39/20; belts in general F16G)
B65G 15/32	2-Punkt Untergruppe	. . made of rubber or plastics
B65G 15/34	3-Punkt Untergruppe	. . . with reinforcing layers, e.g. of fabric
B65G 15/36	4-Punkt Untergruppe	. . . . the layers incorporating ropes, chains, or rolled steel sections
B65G 15/38	3-Punkt Untergruppe	. . . with flame-resistant layers, e.g. of asbestos, glass
B65G 15/40	3-Punkt Untergruppe	. . . troughed or tubular; formed with joints facilitating troughing
B65G 15/42	3-Punkt Untergruppe	. . . having ribs, ridges, or other surface projections

Symbol	Typ	Titel
B65G 15/44	4-Punkt Untergruppe	. . . . for impelling the loads
B65G 15/46	3-Punkt Untergruppe	. . . formed with guides
B65G 15/48	2-Punkt Untergruppe	. . metallic
B65G 15/50	2-Punkt Untergruppe	. . Endless load-carriers consisting of a series of parallel ropes or belt strips
B65G 15/52	3-Punkt Untergruppe	. . . interconnected by transverse slats
B65G 15/54	2-Punkt Untergruppe	. . Endless load-carriers made of interwoven ropes or wires
B65G 15/56	2-Punkt Untergruppe	. . with edge-protecting or reinforcing means
B65G 15/58	2-Punkt Untergruppe	. . with means for holding or retaining the loads in fixed position, e.g. magnetic
B65G 15/60	1-Punkt Untergruppe	. Arrangements for supporting or guiding belts, e.g. by fluid jets (construction of rollers or supports therefor B65G 39/00, F16G)
B65G 15/62	2-Punkt Untergruppe	. . Guides for sliding belts
B65G 15/64	2-Punkt Untergruppe	. . for automatically maintaining the position of the belts
B65G 17/00	**Hauptgruppe**	**Conveyers having an endless traction element, e.g. a chain, transmitting movement to a continuous or substantially-continuous load-carrying surface or to a series of individual load-carriers; Endless-chain conveyers in which the chains form the load-carrying surface (railway systems, detachable load-carriers on rails B61B; escalators or paternosters neither combined nor associated with loading or unloading apparatus B66B 9/00)**
B65G 17/02	1-Punkt Untergruppe	. comprising a load-carrying belt attached to, or resting on, the traction element
B65G 17/04	2-Punkt Untergruppe	. . the belt having loops forming load-receiving pockets
B65G 17/06	1-Punkt Untergruppe	. having a load-carrying surface formed by a series of interconnected, e.g. longitudinal, links, plates, or platforms
B65G 17/08	2-Punkt Untergruppe	. . the surface being formed by the traction element
B65G 17/10	2-Punkt Untergruppe	. . the surface forming a longitudinal trough
B65G 17/12	1-Punkt Untergruppe	. comprising a series of individual load-carriers fixed, or normally fixed, relative to traction element
B65G 17/14	2-Punkt Untergruppe	. . with two spaced connections to traction element
B65G 17/16	1-Punkt Untergruppe	. comprising individual load-carriers which are pivotally mounted, e.g. for free-swinging movement (guides inverting or tilting load-carriers for emptying B65G 47/34)
B65G 17/18	2-Punkt Untergruppe	. . and move in contact with a guiding surface
B65G 17/20	1-Punkt Untergruppe	. comprising load-carriers suspended from overhead traction chains
B65G 17/22	1-Punkt Untergruppe	. with oppositely-moving parts of the conveyer located in a common plane
B65G 17/24	1-Punkt Untergruppe	. comprising a series of rollers which are moved over a supporting surface by the traction element to effect conveyance of loads or load-carriers
B65G 17/26	1-Punkt Untergruppe	. comprising a series of co-operating units, e.g. interconnected by pivots
B65G 17/28	2-Punkt Untergruppe	. . extensible, e.g. telescopic
B65G 17/30	1-Punkt Untergruppe	. Details; Auxiliary devices (belts B65G 15/30; framework B65G 21/00)
B65G 17/32	2-Punkt Untergruppe	. . Individual load-carriers (control B65G 17/48)

Symbol	Typ	Titel
B65G 17/34	3-Punkt Untergruppe	. . . having flat surfaces, e.g. platforms, grids, forks
B65G 17/36	3-Punkt Untergruppe	. . . having concave surfaces, e.g. buckets
B65G 17/38	2-Punkt Untergruppe	. . Chains or like traction elements (chains in general F16G); Connections between traction elements and load-carriers
B65G 17/40	3-Punkt Untergruppe	. . . Chains acting as load-carriers
B65G 17/42	3-Punkt Untergruppe	. . . Attaching load-carriers to traction elements
B65G 17/44	4-Punkt Untergruppe	. . . . by means excluding relative movements
B65G 17/46	2-Punkt Untergruppe	. . Means for holding or retaining the loads in fixed position on the load-carriers, e.g. magnetic
B65G 17/48	2-Punkt Untergruppe	. . Controlling attitudes of load-carriers during movement (guides B65G 21/20; inverting or tilting load-carriers to discharge contents B65G 47/38)
B65G 19/00	**Hauptgruppe**	**Conveyers comprising an impeller or a series of impellers carried by an endless traction element and arranged to move articles or materials over a supporting surface or underlying material, e.g. endless scraper conveyers**
B65G 19/02	1-Punkt Untergruppe	. for articles, e.g. for containers
B65G 19/04	1-Punkt Untergruppe	. for moving bulk material in open troughs or channels
B65G 19/06	2-Punkt Untergruppe	. . the impellers being scrapers similar in size and shape to the cross-section of the trough or channel
B65G 19/08	3-Punkt Untergruppe	. . . and attached to a single belt, rope, or chain
B65G 19/10	3-Punkt Untergruppe	. . . and attached to a pair of belts, ropes, or chains
B65G 19/12	2-Punkt Untergruppe	. . the impellers being plates having an area substantially smaller than that of the trough or channel cross-section
B65G 19/14	1-Punkt Untergruppe	. for moving bulk material in closed conduits, e.g. tubes
B65G 19/16	2-Punkt Untergruppe	. . the impellers being elements having an area substantially smaller than that of the conduit cross-section
B65G 19/18	1-Punkt Untergruppe	. Details
B65G 19/20	2-Punkt Untergruppe	. . Traction chains, ropes, or cables
B65G 19/22	2-Punkt Untergruppe	. . Impellers, e.g. push-plates, scrapers; Guiding means therefor
B65G 19/24	3-Punkt Untergruppe	. . . Attachment of impellers to traction element
B65G 19/26	4-Punkt Untergruppe	. . . . pivotal
B65G 19/28	2-Punkt Untergruppe	. . Troughs, channels, or conduits
B65G 19/30	3-Punkt Untergruppe	. . . with supporting surface modified to facilitate movement of loads, e.g. friction-reducing devices
B65G 21/00	**Hauptgruppe**	**Supporting or protective framework or housings for endless load-carriers or traction elements of belt or chain conveyers (supporting framework or bases for conveyers as a whole B65G 41/00)**
B65G 21/02	1-Punkt Untergruppe	. consisting essentially of struts, ties, or like structural elements
B65G 21/04	2-Punkt Untergruppe	. . the ties being formed by longitudinal cables or ropes
B65G 21/06	2-Punkt Untergruppe	. . constructed to facilitate rapid assembly or dismantling
B65G 21/08	1-Punkt Untergruppe	. Protective roofs or arch supports therefor

Symbol	Typ	Titel
B65G 21/10	1-Punkt Untergruppe	. movable, or having interchangeable or relatively- movable parts; Devices for moving framework or parts thereof
B65G 21/12	2-Punkt Untergruppe	. . to allow adjustment of position of load-carrier or traction element as a whole
B65G 21/14	2-Punkt Untergruppe	. . to allow adjustment of length or configuration of load-carrier or traction element (tensioning arrangements for belt or chain B65G 23/44)
B65G 21/16	1-Punkt Untergruppe	. for conveyers having endless load-carriers movable in curved paths
B65G 21/18	2-Punkt Untergruppe	. . in three-dimensionally curved paths
B65G 21/20	1-Punkt Untergruppe	. Means incorporated in, or attached to, framework or housings for guiding load-carriers, traction elements, or loads supported on moving surfaces (arrangements for supporting belts B65G 15/60; rollers or roller arrangements B65G 39/00, F16G)
B65G 21/22	2-Punkt Untergruppe	. . Rails or the like engaging sliding elements or rollers attached to load-carriers or traction elements
B65G 23/00	**Hauptgruppe**	**Driving gear for endless conveyers (control devices for conveyers in general B65G 43/00); Belt- or chain-tensioning arrangements**
B65G 23/02	1-Punkt Untergruppe	. Belt- or chain-engaging elements
B65G 23/04	2-Punkt Untergruppe	. . Drums, rollers, or wheels
B65G 23/06	3-Punkt Untergruppe	. . . with projections engaging abutments on belts or chains, e.g. sprocket wheels
B65G 23/08	3-Punkt Untergruppe	. . . with self-contained driving mechanisms, e.g. motors and associated gearing
B65G 23/10	3-Punkt Untergruppe	. . . arranged intermediate the ends of the conveyers
B65G 23/12	3-Punkt Untergruppe	. . . Arrangements of co-operating drums or rollers to augment tractive effort applied to the belts
B65G 23/14	2-Punkt Untergruppe	. . Endless driving elements extending parallel to belt or chain
B65G 23/16	3-Punkt Untergruppe	. . . with dogs engaging abutments on belts or chains
B65G 23/18	2-Punkt Untergruppe	. . Suction or magnetic elements
B65G 23/19	3-Punkt Untergruppe	. . . Suction elements [3]
B65G 23/20	2-Punkt Untergruppe	. . Screws
B65G 23/22	1-Punkt Untergruppe	. Arrangements or mountings of driving motors
B65G 23/23	2-Punkt Untergruppe	. . of electric linear motors [3]
B65G 23/24	1-Punkt Untergruppe	. Gearing between driving motor and belt- or chain-engaging elements (contained in drums, rollers, or wheels B65G 23/08)
B65G 23/26	2-Punkt Untergruppe	. . Applications of clutches or brakes
B65G 23/28	2-Punkt Untergruppe	. . Arrangements for equalising the drive to several elements
B65G 23/30	2-Punkt Untergruppe	. . Variable-speed gearing
B65G 23/32	1-Punkt Untergruppe	. for effecting drive at two or more points spaced along the length of the conveyers
B65G 23/34	2-Punkt Untergruppe	. . comprising a single motor coupled to spaced driving elements
B65G 23/36	2-Punkt Untergruppe	. . comprising two or more driving motors each coupled to a separate driving element, e.g. at either end of the conveyers
B65G 23/38	1-Punkt Untergruppe	. for effecting intermittent movement of belts or chains

Symbol	Typ	Titel
B65G 23/40	2-Punkt Untergruppe	. . Applications of pawl-and-ratchet mechanisms or Geneva wheels
B65G 23/42	2-Punkt Untergruppe	. . Reciprocating members engaging successive abutments on belts or chains
B65G 23/44	1-Punkt Untergruppe	. Belt- or chain-tensioning arrangements
B65G 25/00	**Hauptgruppe**	**Conveyers comprising a cyclically-moving, e.g. reciprocating, carrier or impeller which is disengaged from the load during the return part of its movement (jigging B65G 27/00; pumps F04)**
B65G 25/02	1-Punkt Untergruppe	. the carrier or impeller having different forward and return paths of movement, e.g. walking-beam conveyers
B65G 25/04	1-Punkt Untergruppe	. the carrier or impeller having identical forward and return paths of movement, e.g. reciprocating conveyers
B65G 25/06	2-Punkt Untergruppe	. . having carriers, e.g. belts
B65G 25/08	2-Punkt Untergruppe	. . having impellers, e.g. pushers
B65G 25/10	3-Punkt Untergruppe	. . . with impeller pivotally mounted on a reciprocating bar
B65G 25/12	3-Punkt Untergruppe	. . . with impeller fixed to a reciprocating bar and the bar being rotated about its longitudinal axis on its return stroke
B65G 27/00	**Hauptgruppe**	**Jigging conveyers (jigs for wet separation B03B; generating or transmitting mechanical vibrations B06; jiggers for screening, sifting, or sorting B07B 1/28)**
B65G 27/02	1-Punkt Untergruppe	. comprising helical or spiral channels or conduits for elevation of materials (helical or spiral chutes in general B65G 11/06)
B65G 27/04	1-Punkt Untergruppe	. Load-carriers other than helical or spiral channels or conduits
B65G 27/06	2-Punkt Untergruppe	. . Joints connecting load-carrier sections
B65G 27/08	1-Punkt Untergruppe	. Supports or mountings for load-carriers, e.g. framework, bases, spring arrangements
B65G 27/10	1-Punkt Untergruppe	. Applications of devices for generating or transmitting jigging movements
B65G 27/12	2-Punkt Untergruppe	. . of shaking devices, i.e. devices for producing movements of low frequency and large amplitude
B65G 27/14	3-Punkt Untergruppe	. . . hydraulic
B65G 27/16	2-Punkt Untergruppe	. . of vibrators, i.e. devices for producing movements of high frequency and small amplitude
B65G 27/18	3-Punkt Untergruppe	. . . Mechanical devices
B65G 27/20	4-Punkt Untergruppe	. . . . rotating unbalanced masses
B65G 27/22	3-Punkt Untergruppe	. . . Hydraulic or pneumatic devices
B65G 27/24	3-Punkt Untergruppe	. . . Electromagnetic devices
B65G 27/26	3-Punkt Untergruppe	. . . with elastic coupling between vibrator and load-carrier
B65G 27/28	2-Punkt Untergruppe	. . with provision for dynamic balancing
B65G 27/30	3-Punkt Untergruppe	. . . by means of an oppositely-moving mass, e.g. a second conveyer
B65G 27/32	2-Punkt Untergruppe	. . with means for controlling direction, frequency, or amplitude of vibration or shaking movement
B65G 27/34	1-Punkt Untergruppe	. comprising a series of co-operating units
B65G 29/00	**Hauptgruppe**	**Rotary conveyers, e.g. rotating discs, arms, star-wheels, cones (mechanical projectors B65G 31/00 ; screw or rotary spiral conveyers B65G 33/00)**
B65G 29/02	1-Punkt Untergruppe	. for inclined or vertical transit (B65G 15/00, B65G 17/00 take precedence)

Symbol	Typ	Titel
B65G 31/00	**Hauptgruppe**	**Mechanical throwing machines for articles or solid materials (distributors for fertilisers A01C; moulding machines B22C; sandblasting devices B24C; implements for applying plaster E04F 21/06)**
B65G 31/02	1-Punkt Untergruppe	. comprising belts
B65G 31/04	1-Punkt Untergruppe	. comprising discs, drums, or like rotary impellers
B65G 33/00	**Hauptgruppe**	**Screw or rotary spiral conveyers (screws for extruding, compressing, kneading, mixing, pumping, or other special operations, see the relevant classes)**
B65G 33/02	1-Punkt Untergruppe	. for articles
B65G 33/04	2-Punkt Untergruppe	. . conveyed between a single screw and guiding means
B65G 33/06	2-Punkt Untergruppe	. . conveyed and guided by parallel screws
B65G 33/08	1-Punkt Untergruppe	. for fluent solid materials
B65G 33/10	2-Punkt Untergruppe	. . with non-enclosed screws
B65G 33/12	2-Punkt Untergruppe	. . with screws formed by straight tubes or drums having internal threads, or by spiral or helical tubes
B65G 33/14	2-Punkt Untergruppe	. . comprising a screw or screws enclosed in a tubular housing
B65G 33/16	3-Punkt Untergruppe	. . . with flexible screws operating in flexible tubes
B65G 33/18	3-Punkt Untergruppe	. . . with multiple screws in parallel arrangements
B65G 33/20	3-Punkt Untergruppe	. . . the housing being rotatable relative to the screw
B65G 33/22	3-Punkt Untergruppe	. . . with means for retarding material flow at the delivery end of the housing
B65G 33/24	1-Punkt Untergruppe	. Details
B65G 33/26	2-Punkt Untergruppe	. . Screws (as gearing elements F16H 25/20)
B65G 33/30	3-Punkt Untergruppe	. . . with a discontinuous helical surface
B65G 33/32	2-Punkt Untergruppe	. . Adaptations of bearings or couplings for supporting or connecting screws (B65G 33/16 takes precedence)
B65G 33/34	2-Punkt Untergruppe	. . Applications of driving gear
B65G 33/36	3-Punkt Untergruppe	. . . for rotating housing and screw at different speeds
B65G 33/38	3-Punkt Untergruppe	. . . for effecting simultaneous rotation and reciprocation of screw
B65G 35/00	**Hauptgruppe**	**Mechanical conveyers not otherwise provided for**
B65G 35/02	1-Punkt Untergruppe	. comprising an endless traction element, e.g. a belt, arranged to roll cylindrical articles over a supporting surface
B65G 35/04	1-Punkt Untergruppe	. comprising a flexible load-carrier, e.g. a belt, which is wound-up at one end and paid-out at the other (reciprocating belt conveyers B65G 25/06)
B65G 35/06	1-Punkt Untergruppe	. comprising a load-carrier moving along a path, e.g. a closed path, and adapted to be engaged by any one of a series of traction elements spaced along the path (effecting drive at two or more points spaced along the length of an endless conveyer B65G 23/32)
B65G 35/08	1-Punkt Untergruppe	. comprising trains of unconnected load-carriers, e.g. belt sections, movable in a path, e.g. a closed path, adapted to contact each other and to be propelled by means arranged to engage each load-carrier in turn
B65G 37/00	**Hauptgruppe**	**Combinations of mechanical conveyers of the same kind, or of different kinds, of interest apart from their application in particular machines or use in particular manufacturing processes (mechanical storage devices B65G 1/04; series of co-operating belt conveyer units B65G 15/22; series of co-operating chain conveyer units B65G 17/26; sequence control of combined conveyers**

Symbol	Typ	Titel
		B65G 43/10; specially adapted for handling radioactive materials G21)
B65G 37/02	1-Punkt Untergruppe	. Flow sheets for conveyer combinations in warehouses, magazines, or workshops
		Common features or details of, or auxiliary devices applicable to, conveyers of different kinds or types; Feeding or discharging devices incorporated in, or operatively associated with, conveyers
B65G 39/00	**Hauptgruppe**	**Rollers, e.g. drive rollers, or arrangements thereof incorporated in roller-ways or other types of mechanical conveyers (driving gear for rollers of roller-ways B65G 13/06; drive rollers of endless conveyers B65G 23/04; arrangement of rollers in metal-rolling equipment B21B 39/10; friction members F16H 55/32)**
B65G 39/02	1-Punkt Untergruppe	. Adaptations of individual rollers and supports therefor
B65G 39/04	2-Punkt Untergruppe	. . the rollers comprising a number of roller- forming elements mounted on a single axle
B65G 39/06	2-Punkt Untergruppe	. . the roller sleeves being shock-absorbing, e.g. formed by helically-wound wires
B65G 39/07	2-Punkt Untergruppe	. . Other adaptations of sleeves
B65G 39/071	3-Punkt Untergruppe	. . . for aligning belts or sheets
B65G 39/073	3-Punkt Untergruppe	. . . for cleaning belts
B65G 39/08	2-Punkt Untergruppe	. . the rollers being magnetic (in magnetic belt separators B03C 1/00)
B65G 39/09	2-Punkt Untergruppe	. . Arrangements of bearing or sealing means
B65G 39/10	1-Punkt Untergruppe	. Arrangements of rollers (on a single axle B65G 39/04)
B65G 39/12	2-Punkt Untergruppe	. . mounted on framework
B65G 39/14	3-Punkt Untergruppe	. . . Spring-supported sets, e.g. permitting troughing of a load-carrying belt
B65G 39/16	3-Punkt Untergruppe	. . . for aligning belts or chains (for aligning tapes or webs B65H)
B65G 39/18	3-Punkt Untergruppe	. . . for guiding loads
B65G 39/20	2-Punkt Untergruppe	. . attached to moving belts or chains (belts B65G 15/30; chains B65G 17/44)
B65G 41/00	**Hauptgruppe**	**Supporting frames or bases for conveyers as a whole, e.g. transportable conveyer frames**
B65G 41/02	1-Punkt Untergruppe	. Frames mounted on wheels for movement on rail tracks
B65G 43/00	**Hauptgruppe**	**Control, e.g. safety, warning, fault-correcting, devices (for elevators, escalators or moving walkways B66B; in general F16P, G08B)**
B65G 43/02	1-Punkt Untergruppe	. detecting dangerous physical condition of load- carriers, e.g. for interrupting the drive in the event of overheating
B65G 43/04	1-Punkt Untergruppe	. detecting slip between driving element and load- carrier, e.g. for interrupting the drive
B65G 43/06	1-Punkt Untergruppe	. interrupting the drive in case of driving-element breakage; Braking or stopping loose load-carriers
B65G 43/08	1-Punkt Untergruppe	. Control devices operated by article or material being fed, conveyed, or discharged
B65G 43/10	1-Punkt Untergruppe	. Sequence control of conveyers operating in combination
B65G 45/00	**Hauptgruppe**	**Lubricating, cleaning, or clearing devices**
B65G 45/02	1-Punkt Untergruppe	. Lubricating devices
B65G 45/04	2-Punkt Untergruppe	. . for rollers [5]
B65G 45/06	3-Punkt Untergruppe	. . . forming belt troughing structure [5]
B65G 45/08	2-Punkt Untergruppe	. . for chains [5]

Symbol	Typ	Titel
B65G 45/10	1-Punkt Untergruppe	. Cleaning devices (adaptations of roller sleeves for cleaning belts B65G 39/073) [5]
B65G 45/12	2-Punkt Untergruppe	. . comprising scrapers [5]
B65G 45/14	3-Punkt Untergruppe	. . . Moving scrapers [5]
B65G 45/16	3-Punkt Untergruppe	. . . with scraper biasing means [5]
B65G 45/18	2-Punkt Untergruppe	. . comprising brushes [5]
B65G 45/20	2-Punkt Untergruppe	. . comprising screws [5]
B65G 45/22	2-Punkt Untergruppe	. . comprising fluid applying means [5]
B65G 45/24	2-Punkt Untergruppe	. . comprising plural diverse cleaning devices [5]
B65G 45/26	2-Punkt Untergruppe	. . for gathering residue after cleaning [5]
B65G 47/00	**Hauptgruppe**	**Article or material-handling devices associated with conveyers; Methods employing such devices (for sorting, e.g. postal, B07C)**
B65G 47/02	1-Punkt Untergruppe	. Devices for feeding articles or materials to conveyers
B65G 47/04	2-Punkt Untergruppe	. . for feeding articles
B65G 47/06	3-Punkt Untergruppe	. . . from a single group of articles arranged in orderly pattern, e.g. workpieces in magazines (de-stacking devices B65G 59/00; picking-up flat workpieces B65H)
B65G 47/08	4-Punkt Untergruppe	. . . . spacing or grouping the articles during feeding (during transit by conveyer B65G 47/28)
B65G 47/10	3-Punkt Untergruppe	. . . from several groups of articles
B65G 47/12	3-Punkt Untergruppe	. . . from disorderly-arranged article piles or from loose assemblages of articles
B65G 47/14	4-Punkt Untergruppe	. . . . arranging or orientating the articles by mechanical or pneumatic means during feeding (during transit by conveyer B65G 47/24, B65G 47/26)
B65G 47/16	2-Punkt Untergruppe	. . for feeding materials in bulk
B65G 47/18	3-Punkt Untergruppe	. . . Arrangements or applications of hoppers or chutes
B65G 47/19	4-Punkt Untergruppe	. . . . having means for controlling material flow, e.g. to prevent overloading (controlling feed or discharge by weighing a continuous stream of material G01G 11/08)
B65G 47/20	4-Punkt Untergruppe	. . . . the hoppers or chutes being movable
B65G 47/22	1-Punkt Untergruppe	. Devices influencing the relative position or the attitude of articles during transit by conveyers (during feeding B65G 47/14)
B65G 47/24	2-Punkt Untergruppe	. . orientating the articles
B65G 47/244	3-Punkt Untergruppe	. . . by turning them about an axis substantially perpendicular to the conveying plane [5]
B65G 47/248	3-Punkt Untergruppe	. . . by turning over or inverting them (B65G 47/244 takes precedence) [5]
B65G 47/252	4-Punkt Untergruppe	. . . . about an axis substantially perpendicular to the conveying direction [5]
B65G 47/256	3-Punkt Untergruppe	. . . removing incorrectly orientated articles [5]
B65G 47/26	2-Punkt Untergruppe	. . arranging the articles, e.g. varying spacing between individual articles (stacking or de-stacking B65G 57/00 , B65G 59/00, B65G 61/00)
B65G 47/28	3-Punkt Untergruppe	. . . during transit by a single conveyer

Symbol	Typ	Titel
B65G 47/29	4-Punkt Untergruppe	. . . . by temporarily stopping movement
B65G 47/30	3-Punkt Untergruppe	. . . during transit by a series of conveyers
B65G 47/31	4-Punkt Untergruppe	. . . . by varying the relative speeds of the conveyers forming the series
B65G 47/32	4-Punkt Untergruppe	. . . . Applications of transfer devices
B65G 47/34	1-Punkt Untergruppe	. Devices for discharging articles or materials from conveyers (B65G 47/256 takes precedence; sorting in general B07)
B65G 47/36	2-Punkt Untergruppe	. . by detaching suspended articles
B65G 47/38	2-Punkt Untergruppe	. . by dumping, tripping, or releasing load-carriers
B65G 47/40	3-Punkt Untergruppe	. . . by tilting conveyer buckets
B65G 47/42	2-Punkt Untergruppe	. . operated by article or material being conveyed and discharged
B65G 47/44	2-Punkt Untergruppe	. . Arrangements or applications of hoppers or chutes
B65G 47/46	2-Punkt Untergruppe	. . with distribution, e.g. automatically, to desired points (in tube mail systems B65G 51/36; postal or like sorting B07C)
B65G 47/48	3-Punkt Untergruppe	. . . according to bodily destination marks on either articles or load-carriers (marking data records G06K)
B65G 47/49	4-Punkt Untergruppe	. . . . without bodily contact between article or load-carrier and automatic control device
B65G 47/50	3-Punkt Untergruppe	. . . according to destination signals stored in separate systems (control by programme G05B 19/00)
B65G 47/51	3-Punkt Untergruppe	. . . according to unprogrammed signals, e.g. influenced by supply situation at destination (volume, flow, or liquid level meters G01F; scales or weighing machines G01G; remote controls G05G)
B65G 47/52	1-Punkt Untergruppe	. Devices for transferring articles or materials between conveyers, i.e. discharging or feeding devices (loading or unloading by means not incorporated in, or not operatively associated with, conveyers B65G 65/00; transfer of workpieces during metal rolling B21B 41/00)
B65G 47/53	2-Punkt Untergruppe	. . between conveyers which cross one another [3]
B65G 47/54	3-Punkt Untergruppe	. . . at least one of which is a roller-way [3]
B65G 47/56	2-Punkt Untergruppe	. . to or from inclined or vertical conveyer sections
B65G 47/57	3-Punkt Untergruppe	. . . for articles
B65G 47/58	3-Punkt Untergruppe	. . . for materials in bulk
B65G 47/60	2-Punkt Untergruppe	. . to or from conveyers of the suspended, e.g. trolley, type
B65G 47/61	3-Punkt Untergruppe	. . . for articles
B65G 47/62	3-Punkt Untergruppe	. . . for materials in bulk
B65G 47/64	2-Punkt Untergruppe	. . Switching conveyers
B65G 47/66	2-Punkt Untergruppe	. . Fixed platforms or combs, e.g. bridges between conveyers
B65G 47/68	2-Punkt Untergruppe	. . adapted to receive articles arriving in one layer from one conveyer and to transfer them in individual layers to more than one conveyer, or vice versa, e.g. combining the flows of articles conveyed by more than one conveyer
B65G 47/69	3-Punkt Untergruppe	. . . the articles being accumulated temporarily

Symbol	Typ	Titel
B65G 47/70	3-Punkt Untergruppe	. . . with precedence controls among incoming article flows
B65G 47/71	3-Punkt Untergruppe	. . . the articles being discharged to several conveyers
B65G 47/72	2-Punkt Untergruppe	. . transferring materials in bulk from one conveyer to several conveyers, or vice versa
B65G 47/74	1-Punkt Untergruppe	. Feeding, transfer, or discharging devices of particular kinds or types
B65G 47/76	2-Punkt Untergruppe	. . Fixed or adjustable ploughs or transverse scrapers
B65G 47/78	2-Punkt Untergruppe	. . Troughs having discharge openings and closures
B65G 47/80	2-Punkt Untergruppe	. . Turntables carrying articles or materials to be transferred, e.g. combined with ploughs or scrapers
B65G 47/82	2-Punkt Untergruppe	. . Rotary or reciprocating members for direct action on articles or materials, e.g. pushers, rakes, shovels
B65G 47/84	2-Punkt Untergruppe	. . Star-shaped wheels or devices having endless travelling belts or chains, the wheels or devices being equipped with article-engaging elements
B65G 47/86	3-Punkt Untergruppe	. . . the article-engaging elements being grippers
B65G 47/88	2-Punkt Untergruppe	. . Separating or stopping elements, e.g. fingers (attached to star-shaped wheels B65G 47/84)
B65G 47/90	2-Punkt Untergruppe	. . Devices for picking-up and depositing articles or materials
B65G 47/91	3-Punkt Untergruppe	. . . incorporating pneumatic, e.g. suction, grippers
B65G 47/92	3-Punkt Untergruppe	. . . incorporating electrostatic or magnetic grippers
B65G 47/94	2-Punkt Untergruppe	. . Devices for flexing or tilting travelling structures; Throw-off carriages
B65G 47/95	3-Punkt Untergruppe	. . . adapted for longitudinal delivery
B65G 47/96	3-Punkt Untergruppe	. . . Devices for tilting links or platforms
B65G 49/00	**Hauptgruppe**	**Conveying systems characterised by their application for specified purposes not otherwise provided for (for conveying sheet material B65H)**
B65G 49/02	1-Punkt Untergruppe	. for conveying workpieces through baths of liquid
B65G 49/04	2-Punkt Untergruppe	. . the workpieces being immersed and withdrawn by movement in a vertical direction
B65G 49/05	1-Punkt Untergruppe	. for fragile or damageable materials or articles [4]
B65G 49/06	2-Punkt Untergruppe	. . for fragile sheets, e.g. glass (transporting of glass products during their manufacture C03B 35/00) [4]
B65G 49/07	*2-Punkt Untergruppe*	*. . for semiconductor wafers (specially adapted for conveying of semiconductor wafers during manufacture or treatment of semiconductor or electric solid state devices or components H01L 21/677) [5, 2006.01]*
B65G 49/08	2-Punkt Untergruppe	. . for ceramic mouldings (charging, discharging, manipulation with charge in kilns F27D 3/00) [4]
		Non-mechanical conveying through pipes or tubes (pipe-line systems F17D); Floating in troughs
B65G 51/00	**Hauptgruppe**	**Conveying articles through pipes or tubes by fluid flow or pressure (water roundabouts A63G 3/00 ; pneumatic railways B61B); Conveying articles over a flat surface, e.g. the base of a trough, by jets located in the surface (pumps F04; fluid dynamics F15D; valves, taps, cocks F16K; pipes, pipe joints, or associated devices F16L)**
B65G 51/01	1-Punkt Untergruppe	. Hydraulic transport of articles (B65G 51/04 takes precedence) [6]
B65G 51/02	1-Punkt Untergruppe	. Directly conveying the articles, e.g. slips, sheets, stockings, containers or workpieces, by flowing gases
B65G 51/03	2-Punkt Untergruppe	. . over a flat surface or in troughs [4]

Symbol	Typ	Titel
B65G 51/04	1-Punkt Untergruppe	. Conveying the articles in carriers having a cross-section approximating that of the pipe or tube; Tube mail systems
B65G 51/06	2-Punkt Untergruppe	. . Despatch carriers for tube mail
B65G 51/08	2-Punkt Untergruppe	. . Controlling or conditioning the operating medium (in compressors F04; air-conditioning, e.g. de-watering, in pneumatic systems F16L 55/09)
B65G 51/10	3-Punkt Untergruppe	. . . at section junctions of pneumatic systems
B65G 51/12	4-Punkt Untergruppe	. . . . Pneumatic gates
B65G 51/14	4-Punkt Untergruppe	. . . . Pneumatic sluices
B65G 51/16	3-Punkt Untergruppe	. . . varying, e.g. starting or stopping, gas pressure or flow
B65G 51/18	2-Punkt Untergruppe	. . Adaptations of pipes or tubes; Pipe or tube joints
B65G 51/20	2-Punkt Untergruppe	. . Braking arrangements
B65G 51/22	2-Punkt Untergruppe	. . Arrangements for stopping the carriers en route in order to control carrier sequence; Blocking or separating devices
B65G 51/24	2-Punkt Untergruppe	. . Switches
B65G 51/26	2-Punkt Untergruppe	. . Stations
B65G 51/28	3-Punkt Untergruppe	. . . for despatch
B65G 51/30	3-Punkt Untergruppe	. . . for delivery
B65G 51/32	3-Punkt Untergruppe	. . . for despatch, delivery, and transit
B65G 51/34	2-Punkt Untergruppe	. . Two-way operation
B65G 51/36	2-Punkt Untergruppe	. . Other devices for indicating or controlling movements of carriers, e.g. for supervising individual tube sections, for counting carriers, for reporting jams or other operating difficulties
B65G 51/38	3-Punkt Untergruppe	. . . Contact devices on interior of tubes for detecting passage of carriers
B65G 51/40	3-Punkt Untergruppe	. . . Automatically distributing the carriers to desired stations
B65G 51/42	4-Punkt Untergruppe	. . . . according to indications on carriers
B65G 51/44	5-Punkt Untergruppe	. . . . . without mechanical contact between carriers and controllers
B65G 51/46	4-Punkt Untergruppe	. . . . according to separate signal systems
B65G 53/00	**Hauptgruppe**	**Conveying materials in bulk through troughs, pipes, or tubes by floating the materials, or by flow of gas, liquid, or foam (fluidising in connection with loading or unloading B65G 69/06; loaders for hay or like field crops A01D 87/00; fluidising devices facilitating filling or emptying of large containers B65D 88/72; dredging E02F; winning materials out of alluvial deposits E21C 45/00; hydraulic or pneumatic mine-filling-up machines E21F 15/00; fluid dynamics F15D)**
B65G 53/02	1-Punkt Untergruppe	. Floating material troughs (air slides B65G 53/04)
B65G 53/04	1-Punkt Untergruppe	. Conveying materials in bulk pneumatically through pipes or tubes; Air slides
B65G 53/06	2-Punkt Untergruppe	. . Gas pressure systems operating without fluidisation of the materials
B65G 53/08	3-Punkt Untergruppe	. . . with mechanical injection of the materials, e.g. by screw
B65G 53/10	3-Punkt Untergruppe	. . . with pneumatic injection of the materials by the propelling gas

Symbol	Typ	Titel
B65G 53/12	4-Punkt Untergruppe	. . . . the gas flow acting directly on the materials in a reservoir
B65G 53/14	4-Punkt Untergruppe	. . . . the gas flow inducing feed of the materials by suction effect
B65G 53/16	2-Punkt Untergruppe	. . Gas pressure systems operating with fluidisation of the materials
B65G 53/18	3-Punkt Untergruppe	. . . through a porous wall
B65G 53/20	4-Punkt Untergruppe	. . . . of an air slide, e.g. a trough
B65G 53/22	4-Punkt Untergruppe	. . . . the systems comprising a reservoir, e.g. a bunker
B65G 53/24	2-Punkt Untergruppe	. . Gas suction systems
B65G 53/26	3-Punkt Untergruppe	. . . operating with fluidisation of the materials
B65G 53/28	2-Punkt Untergruppe	. . Systems utilising a combination of gas pressure and suction (inducing feed of the materials by suction in gas pressure systems B65G 53/14)
B65G 53/30	1-Punkt Untergruppe	. Conveying materials in bulk through pipes or tubes by liquid pressure
B65G 53/32	1-Punkt Untergruppe	. Conveying concrete, e.g. for distributing same at building sites (mixing concrete on or by conveyers B28C 5/34)
B65G 53/34	1-Punkt Untergruppe	. Details
B65G 53/36	2-Punkt Untergruppe	. . Arrangements of containers
B65G 53/38	2-Punkt Untergruppe	. . Modification of material containing walls to facilitate fluidisation
B65G 53/40	2-Punkt Untergruppe	. . Feeding or discharging devices
B65G 53/42	3-Punkt Untergruppe	. . . Nozzles (in general B05B)
B65G 53/44	3-Punkt Untergruppe	. . . Endless conveyers
B65G 53/46	3-Punkt Untergruppe	. . . Gates or sluices, e.g. rotary wheels
B65G 53/48	3-Punkt Untergruppe	. . . Screws or like rotary conveyers
B65G 53/50	3-Punkt Untergruppe	. . . Pneumatic devices (incorporated in nozzles B65G 53/42)
B65G 53/52	2-Punkt Untergruppe	. . Adaptations of pipes or tubes
B65G 53/54	3-Punkt Untergruppe	. . . Flexible pipes or tubes
B65G 53/56	3-Punkt Untergruppe	. . . Switches
B65G 53/58	2-Punkt Untergruppe	. . Devices for accelerating or decelerating flow of the materials; Use of pressure generators (controlling pressure of propelling gas B65G 53/66)
B65G 53/60	2-Punkt Untergruppe	. . Devices for separating the materials from propellant gas
B65G 53/62	3-Punkt Untergruppe	. . . using liquid
B65G 53/64	3-Punkt Untergruppe	. . . in discrete amounts
B65G 53/66	2-Punkt Untergruppe	. . Use of indicator or control devices, e.g. for controlling gas pressure, for controlling proportions of material and gas, for indicating or preventing jamming of material
B65G 54/00	**Hauptgruppe**	**Non-mechanical conveyers not otherwise provided for [3]**
B65G 54/02	1-Punkt Untergruppe	. electrostatic, electric, or magnetic [3]

Symbol	Typ	Titel
		Stacking or de-stacking; Loading or unloading (by means incorporated in, or operatively associated with, conveyers B65G 47/00; lift trucks B60P, B66F; handling sheet material or flat articles made therefrom B65H; cranes B66C; loading or unloading by soil-shifting or like equipment E02F; stacking or de-stacking data record cards in association with machines for marking or sensing data G06K)
B65G 57/00	**Hauptgruppe**	**Stacking of articles (B65G 60/00 takes precedence; stacking of jumbo rolls B41F; stackable containers B65D; feeding, piling, or stacking sheets B65H; stacked delivery of machined products, see the relevant classes for the machines)**
B65G 57/02	1-Punkt Untergruppe	. by adding to the top of the stack
B65G 57/03	2-Punkt Untergruppe	. . from above
B65G 57/04	3-Punkt Untergruppe	. . . by suction or magnetic devices
B65G 57/06	3-Punkt Untergruppe	. . . Gates for releasing articles
B65G 57/08	2-Punkt Untergruppe	. . articles being tilted or inverted prior to depositing
B65G 57/081	3-Punkt Untergruppe	. . . alternate articles being inverted
B65G 57/09	2-Punkt Untergruppe	. . from alongside
B65G 57/10	3-Punkt Untergruppe	. . . by devices, e.g. reciprocating, acting directly on articles for horizontal transport to the top of stack
B65G 57/11	2-Punkt Untergruppe	. . the articles being stacked by direct action of the feeding conveyer
B65G 57/112	3-Punkt Untergruppe	. . . the conveyer being adjustable in height
B65G 57/14	3-Punkt Untergruppe	. . . the articles being transferred from carriers moving in an endless path adjacent to the stacks (conveyer constructions B65G 15/00-B65G 35/00; combinations of conveyers B65G 37/00)
B65G 57/16	2-Punkt Untergruppe	. . Stacking of articles of particular shape
B65G 57/18	3-Punkt Untergruppe	. . . elongated, e.g. sticks, rods, bars
B65G 57/20	3-Punkt Untergruppe	. . . three-dimensional, e.g. cubiform, cylindrical
B65G 57/22	4-Punkt Untergruppe	. . . . in layers, each of predetermined arrangement
B65G 57/24	5-Punkt Untergruppe	. . . . . the layers being transferred as a whole, e.g. on pallets
B65G 57/26	5-Punkt Untergruppe	. . . . . the arrangement providing for spaces between the articles
B65G 57/28	1-Punkt Untergruppe	. by assembling the articles and tilting the assembled articles to a stacked position
B65G 57/30	1-Punkt Untergruppe	. by adding to the bottom of the stack
B65G 57/32	1-Punkt Untergruppe	. characterised by stacking during transit
B65G 59/00	**Hauptgruppe**	**De-stacking of articles (B65G 60/00 takes precedence)**
B65G 59/02	1-Punkt Untergruppe	. De-stacking from the top of the stack
B65G 59/04	2-Punkt Untergruppe	. . by suction or magnetic devices
B65G 59/06	1-Punkt Untergruppe	. De-stacking from the bottom of the stack
B65G 59/08	1-Punkt Untergruppe	. De-stacking after preliminary tilting of the stack
B65G 59/10	1-Punkt Untergruppe	. De-stacking nested articles
B65G 59/12	1-Punkt Untergruppe	. characterised by de-stacking during transit
B65G 60/00	**Hauptgruppe**	**Simultaneously or alternatively stacking and de-stacking of articles**

Symbol	Typ	Titel
B65G 61/00	**Hauptgruppe**	**Use of pick-up or transfer devices or of manipulators for stacking or de-stacking articles not otherwise provided for (manipulators B25J)**
B65G 63/00	**Hauptgruppe**	**Transferring or trans-shipping at storage areas, railway yards or harbours; Marshalling yard installations (transferring of refuse between vehicles or containers B65F 9/00; dredging, soil shifting E02F; conveyers used in co-operation with coal or like winning apparatus E21C 47/00)**
B65G 63/02	1-Punkt Untergruppe	. with essentially-horizontal transit otherwise than by bridge
B65G 63/04	1-Punkt Untergruppe	. with essentially-horizontal transit by bridges equipped with conveyers
B65G 63/06	1-Punkt Untergruppe	. with essentially-vertical transit (hoppers B65D 88/26)
B65G 65/00	**Hauptgruppe**	**Loading or unloading (of vehicles B65G 67/00)**
B65G 65/02	1-Punkt Untergruppe	. Loading or unloading machines comprising essentially a conveyer for moving the loads associated with a device for picking-up the loads
B65G 65/04	2-Punkt Untergruppe	. . with pick-up shovels (construction of shovels E02F)
B65G 65/06	2-Punkt Untergruppe	. . with endless scraping or elevating pick-up conveyers
B65G 65/08	2-Punkt Untergruppe	. . with reciprocating pick-up conveyers
B65G 65/10	3-Punkt Untergruppe	. . . Raking or scraping devices
B65G 65/12	4-Punkt Untergruppe	. . . . operations at positions off-set from the conveyer centreline
B65G 65/14	2-Punkt Untergruppe	. . with jigging pick-up conveyers, e.g. duck-bills
B65G 65/16	2-Punkt Untergruppe	. . with rotary pick-up conveyers
B65G 65/18	3-Punkt Untergruppe	. . . Discs
B65G 65/20	3-Punkt Untergruppe	. . . Paddle wheels
B65G 65/22	3-Punkt Untergruppe	. . . Screws
B65G 65/23	1-Punkt Untergruppe	. Devices for tilting and emptying of containers [3]
B65G 65/24	2-Punkt Untergruppe	. . for manual tilting of barrels or casks [3]
B65G 65/28	1-Punkt Untergruppe	. Piling or unpiling loose materials in bulk, e.g. coal, manure, timber, not otherwise provided for (by soil-shifting or like equipment E02F)
B65G 65/30	1-Punkt Untergruppe	. Methods or devices for filling or emptying bunkers, hoppers, tanks, or like containers, of interest apart from their use in particular chemical or physical processes or their application in particular machines, e.g. not covered by a single other subclass (devices for tilting and emptying containers B65G 65/23; such containers having means facilitating filling or emptying B65D 88/54) [3]
B65G 65/32	2-Punkt Untergruppe	. . Filling devices (pneumatic conveyers B65G 51/00, B65G 53/00)
B65G 65/34	2-Punkt Untergruppe	. . Emptying devices (conveyer construction B65G 15/00-B65G 35/00; devices similar to vehicle tipplers B65G 67/48)
B65G 65/36	3-Punkt Untergruppe	. . . Devices for emptying from the top
B65G 65/38	4-Punkt Untergruppe	. . . . Mechanical devices
B65G 65/40	3-Punkt Untergruppe	. . . Devices for emptying otherwise than from the top
B65G 65/42	4-Punkt Untergruppe	. . . . using belt or chain conveyers
B65G 65/44	4-Punkt Untergruppe	. . . . using reciprocating conveyers, e.g. jigging conveyers
B65G 65/46	4-Punkt Untergruppe	. . . . using screw conveyers

Symbol	Typ	Titel
B65G 65/48	4-Punkt Untergruppe	. . . . using other rotating means, e.g. rotating pressure sluices in pneumatic systems
B65G 67/00	**Hauptgruppe**	**Loading or unloading vehicles (by means incorporated in the vehicles B60-B64; ground or aircraft-carrier-deck installations B64F; transferring of refuse between vehicles or containers B65F 9/00)**
B65G 67/02	1-Punkt Untergruppe	. Loading or unloading land vehicles
B65G 67/04	2-Punkt Untergruppe	. . Loading land vehicles
B65G 67/06	3-Punkt Untergruppe	. . . Feeding articles or materials from bunkers or funnels
B65G 67/08	3-Punkt Untergruppe	. . . using endless conveyers
B65G 67/10	3-Punkt Untergruppe	. . . using conveyers covering the whole length of vehicle trains
B65G 67/12	3-Punkt Untergruppe	. . . Loading elongated articles, e.g. rails, logs
B65G 67/14	3-Punkt Untergruppe	. . . Loading hardened bricks, briquettes, or the like
B65G 67/16	3-Punkt Untergruppe	. . . Loading coke-oven products (discharging coke ovens C10B 33/00)
B65G 67/18	3-Punkt Untergruppe	. . . Refuelling locomotives with solid fuels (servicing locomotives B61K 11/02)
B65G 67/20	3-Punkt Untergruppe	. . . Loading covered vehicles
B65G 67/22	3-Punkt Untergruppe	. . . Loading moving vehicles
B65G 67/24	2-Punkt Untergruppe	. . Unloading land vehicles
B65G 67/26	3-Punkt Untergruppe	. . . using rakes or scrapers
B65G 67/28	4-Punkt Untergruppe	. . . . External transverse blades attached to endless conveyers
B65G 67/30	3-Punkt Untergruppe	. . . using transportable tipping apparatus
B65G 67/32	3-Punkt Untergruppe	. . . using fixed tipping installations
B65G 67/34	4-Punkt Untergruppe	. . . . Apparatus for tipping wagons or mine cars (inverting wagons B65G 67/48; platform-lifts with tiltable platforms B66F 7/22)
B65G 67/36	5-Punkt Untergruppe	. . . . . endwise
B65G 67/38	6-Punkt Untergruppe	. . . . . comprising a turntable
B65G 67/40	6-Punkt Untergruppe	. . . . . toward one end only
B65G 67/42	5-Punkt Untergruppe	. . . . . sideways
B65G 67/44	6-Punkt Untergruppe	. . . . . by passing the vehicles over a stretch of transversely-inclined rails
B65G 67/46	5-Punkt Untergruppe	. . . . . Apparatus for lifting and tilting
B65G 67/48	4-Punkt Untergruppe	. . . . Vehicle tipplers (devices for washing or cleaning railroad vehicles B60S)
B65G 67/50	5-Punkt Untergruppe	. . . . . Rotary vehicle tipplers, i.e. rotating through 360°
B65G 67/52	6-Punkt Untergruppe	. . . . . having several decks
B65G 67/54	5-Punkt Untergruppe	. . . . . Vehicle-locking means
B65G 67/56	5-Punkt Untergruppe	. . . . . Vehicle and tippler interlocking controls
B65G 67/60	1-Punkt Untergruppe	. Loading or unloading ships (B65G 67/02 takes precedence; arrangement of ship-based loading or unloading equipment for cargo or passengers B63B 27/00) [3]

Symbol	Typ	Titel
B65G 67/62	2-Punkt Untergruppe	. . using devices influenced by the tide or by the movements of the ship, e.g. devices on pontoons (horizontal loading or unloading platforms B65G 69/22; loading ramps B65G 69/28) [3]
B65G 69/00	**Hauptgruppe**	**Auxiliary measures taken, or devices used, in connection with loading or unloading (preventing, minimising, or fighting fire A62C; in vehicles, see the relevant subclasses)**
B65G 69/02	1-Punkt Untergruppe	. Filling storage spaces as completely as possible, e.g. application of vibrators
B65G 69/04	1-Punkt Untergruppe	. Spreading-out the materials conveyed over the whole surface to be loaded; Trimming heaps of loose materials
B65G 69/06	1-Punkt Untergruppe	. Fluidising
B65G 69/08	1-Punkt Untergruppe	. Devices for emptying storage spaces as completely as possible (devices preventing the formation of bridges B65D 88/64)
B65G 69/10	1-Punkt Untergruppe	. Obtaining an average product from stored bulk material (for measuring or testing G01)
B65G 69/12	1-Punkt Untergruppe	. Sieving bulk materials during loading or unloading
B65G 69/14	1-Punkt Untergruppe	. Pulverising loaded or unloaded materials
B65G 69/16	1-Punkt Untergruppe	. Preventing pulverisation, deformation, breakage, or other mechanical damage to the goods or materials
B65G 69/18	1-Punkt Untergruppe	. Preventing escape of dust
B65G 69/20	1-Punkt Untergruppe	. Auxiliary treatments, e.g. aerating, heating, humidifying, de-aerating, cooling, de-watering, or drying, during loading or unloading; Loading or unloading in a fluid medium other than air
B65G 69/22	1-Punkt Untergruppe	. Horizontal loading or unloading platforms (pile tables B65H; as road or railway equipment E01F 1/00)
B65G 69/24	2-Punkt Untergruppe	. . having platform-level adjusting means
B65G 69/26	2-Punkt Untergruppe	. . Rotatable platforms
B65G 69/28	*1-Punkt Untergruppe*	*. Loading ramps ; Loading docks (as road or railway equipment E01F 1/00) [1, 2006.01]*
B65G 69/30	*2-Punkt Untergruppe*	*. . Non-permanently installed loading ramps, e.g. transportable [2006.01]*
B65G 69/32	*2-Punkt Untergruppe*	*. . Shelters, surrounds or sealing arrangements for loading docks [2006.01]*
B65G 69/34	*2-Punkt Untergruppe*	*. . Accessories, e.g. vehicle restrainers, wheel blockers, positioners or bumpers [2006.01]*