Symbol	Typ	Titel
B	**Sektion**	**SECTION B — PERFORMING OPERATIONS; TRANSPORTING**
B03	**Klasse**	**SEPARATION OF SOLID MATERIALS USING LIQUIDS OR USING PNEUMATIC TABLES OR JIGS; MAGNETIC OR ELECTROSTATIC SEPARATION OF SOLID MATERIALS FROM SOLID MATERIALS OR FLUIDS; SEPARATION BY HIGH-VOLTAGE ELECTRIC FIELDS (separating isotopes B01D 59/00; crushing or disintegrating B02C; centrifuges or vortex apparatus for carrying out physical processes B04) [5]**
B03B	**Unterklasse**	**SEPARATING SOLID MATERIALS USING LIQUIDS OR USING PNEUMATIC TABLES OR JIGS (removing fluids from solids B01D; magnetic or electrostatic separation of solid materials from solid materials or fluids, separation by high voltage electric fields B03C ; flotation, differential sedimentation B03D; separating by dry methods B07; screening or sifting B07B; by picking B07C; separating peculiar to particular materials and provided for in other single classes, see the relevant classes)**
B03B 1/00	**Hauptgruppe**	**Conditioning for facilitating separation by altering physical properties of the matter to be treated (pretreatment of ores in general C22B)**
B03B 1/02	1-Punkt Untergruppe	. Preparatory heating
B03B 1/04	1-Punkt Untergruppe	. by additives
B03B 1/06	1-Punkt Untergruppe	. by varying ambient atmospheric pressure
B03B 4/00	**Hauptgruppe**	**Separating by pneumatic tables or by pneumatic jigs (sink-float separation using dry heavy media B03B 5/46) [2]**
B03B 4/02	1-Punkt Untergruppe	. using swinging or shaking tables [6]
B03B 4/04	1-Punkt Untergruppe	. using rotary tables or tables formed by travelling belts (separating solids from solids using gas currents and revolving drums B07B 4/06) [6]
B03B 4/06	1-Punkt Untergruppe	. using fixed and inclined tables [6]
B03B 5/00	**Hauptgruppe**	**Washing granular, powdered or lumpy materials; Wet separating (separating by pneumatic tables or by pneumatic jigs B03B 4/00) [2]**
B03B 5/02	1-Punkt Untergruppe	. using shaken, pulsated or stirred beds as the principal means of separation (B03B 5/28, B03B 5/48 take precedence) [2]
B03B 5/04	2-Punkt Untergruppe	. . on shaking tables (on vanners B03B 5/08) [2]
B03B 5/06	3-Punkt Untergruppe	. . . Constructional details of shaking tables, e.g. riffling [2]
B03B 5/08	2-Punkt Untergruppe	. . on vanners [2]
B03B 5/10	2-Punkt Untergruppe	. . on jigs [2]
B03B 5/12	3-Punkt Untergruppe	. . . using pulses generated mechanically in fluid [2]
B03B 5/14	4-Punkt Untergruppe	. . . . Plunger jigs [2]
B03B 5/16	4-Punkt Untergruppe	. . . . Diaphragm jigs [2]
B03B 5/18	4-Punkt Untergruppe	. . . . Moving-sieve jigs [2]
B03B 5/20	3-Punkt Untergruppe	. . . using pulses generated by air injection [2]
B03B 5/22	3-Punkt Untergruppe	. . . using pulses generated by liquid injection [2]
B03B 5/24	3-Punkt Untergruppe	. . . Constructional details of jigs, e.g. pulse control devices [2]

Symbol	Typ	Titel
B03B 5/26	2-Punkt Untergruppe	. . in sluices [2]
B03B 5/28	1-Punkt Untergruppe	. by sink-float separation [2]
B03B 5/30	2-Punkt Untergruppe	. . using heavy liquids or suspensions [2]
B03B 5/32	3-Punkt Untergruppe	. . . using centrifugal force (centrifuges B04B; cyclones B04C) [2]
B03B 5/34	4-Punkt Untergruppe	. . . . Applications of hydrocyclones [2]
B03B 5/36	3-Punkt Untergruppe	. . . Devices therefor, other than using centrifugal force (jigs B03B 5/10) [2]
B03B 5/38	4-Punkt Untergruppe	. . . . of conical receptacle type [2]
B03B 5/40	4-Punkt Untergruppe	. . . . of trough type [2]
B03B 5/42	4-Punkt Untergruppe	. . . . of drum or lifting wheel type [2]
B03B 5/44	3-Punkt Untergruppe	. . . Application of particular media therefor [2]
B03B 5/46	2-Punkt Untergruppe	. . using dry heavy media; Devices therefor [2]
B03B 5/48	1-Punkt Untergruppe	. by mechanical classifiers (sink-float separation aspects B03B 5/28) [2]
B03B 5/50	2-Punkt Untergruppe	. . Rake classifiers [2]
B03B 5/52	2-Punkt Untergruppe	. . Spiral classifiers [2]
B03B 5/54	2-Punkt Untergruppe	. . Drag classifiers [2]
B03B 5/56	2-Punkt Untergruppe	. . Drum classifiers [2]
B03B 5/58	2-Punkt Untergruppe	. . Bowl classifiers [2]
B03B 5/60	1-Punkt Untergruppe	. by non-mechanical classifiers, e.g. slime tanks (using shaken, pulsated or stirred beds as the principal means of separation B03B 5/02; hydraulic classifiers B03B 5/62; water impulse classifiers B03B 5/68) [2]
B03B 5/62	1-Punkt Untergruppe	. by hydraulic classifiers, e.g. of launder, tank, spiral or helical chute concentrator type [2]
B03B 5/64	2-Punkt Untergruppe	. . of the free settling type [2]
B03B 5/66	2-Punkt Untergruppe	. . of the hindered settling type [2]
B03B 5/68	1-Punkt Untergruppe	. by water impulse (shaking tables B03B 5/04; jigs B03B 5/10; hydraulic classifiers B03B 5/62) [2]
B03B 5/70	2-Punkt Untergruppe	. . on tables or strakes [2]
B03B 5/72	3-Punkt Untergruppe	. . . which are movable [2]
B03B 5/74	4-Punkt Untergruppe	. . . . Revolving tables [2]
B03B 7/00	**Hauptgruppe**	**Combinations of wet processes or apparatus with other processes or apparatus, e.g. for dressing ores or garbage**
B03B 9/00	**Hauptgruppe**	**General arrangement of separating plant, e.g. flow sheets**
B03B 9/02	1-Punkt Untergruppe	. specially adapted for oil-sand, oil-chalk, oil-shales, ozokerite, bitumen, or the like
B03B 9/04	1-Punkt Untergruppe	. specially adapted for furnace residues, smeltings, or foundry slags
B03B 9/06	1-Punkt Untergruppe	. specially adapted for refuse
B03B 11/00	**Hauptgruppe**	**Feed or discharge devices integral with washing or wet-separating equipment (filling or emptying devices per seB65G 65/30)**

Symbol	Typ	Titel
B03B 13/00	**Hauptgruppe**	**Control arrangements specially adapted for wet- separating apparatus or for dressing plant, using physical effects (detecting, measuring, or analysing devices G01)**
B03B 13/02	1-Punkt Untergruppe	. using optical effects
B03B 13/04	1-Punkt Untergruppe	. using electrical or electromagnetic effects
B03B 13/06	1-Punkt Untergruppe	. using absorption or reflection of radioactive emanation