

Symbol	Typ	Titel
A	Sektion	HUMAN NECESSITIES
A01	Untersektion	AGRICULTURE
A01	Klasse	AGRICULTURE; FORESTRY; ANIMAL HUSBANDRY; HUNTING; TRAPPING; FISHING
A01F	Unterklasse	PROCESSING OF HARVESTED PRODUCE; HAY OR STRAW PRESSES; DEVICES FOR STORING AGRICULTURAL OR HORTICULTURAL PRODUCE (devices for topping or skinning onions or flower bulbs A23N 15/08)
		<u>Forming or tying straw; Hand-operated implements for cutting hay or straw</u>
A01F 1/00	Hauptgruppe	Stationary apparatus or hand tools for forming or binding straw or hay into bundles (baling apparatus or presses A01F 13/00 , A01F 15/00; binders A01D 37/00 , A01D 39/00) [3]
A01F 1/02	1-Punkt Untergruppe	. Hand-operated tools
A01F 1/04	1-Punkt Untergruppe	. Fastening or tying devices
A01F 1/06	1-Punkt Untergruppe	. Ties for straw bundles
A01F 3/00	Hauptgruppe	Hand-operated implements for cutting-up hay or straw (mechanically-driven straw cutters A01F 29/00; cutting in general B26)
		<u>Threshing</u>
A01F 5/00	Hauptgruppe	Hand-operated implements for threshing
A01F 7/00	Hauptgruppe	Threshing machines (with flails A01F 9/00); Threshing devices for combines
A01F 7/02	1-Punkt Untergruppe	. with rotating tools
A01F 7/04	1-Punkt Untergruppe	. with axles transverse to the feeding direction
A01F 7/06	1-Punkt Untergruppe	. with axles in line with the feeding direction
A01F 9/00	Hauptgruppe	Threshing machines with flails; Threshing devices with flails for combines
A01F 11/00	Hauptgruppe	Threshing machines adapted for special crops; Threshing devices for combines adapted for special crops
A01F 11/02	1-Punkt Untergruppe	. for flax
A01F 11/04	1-Punkt Untergruppe	. for clover or like seeds, e.g. lucern
A01F 11/06	1-Punkt Untergruppe	. for maize, e.g. removing kernels from cobs
A01F 11/08	1-Punkt Untergruppe	. for palm fruit, e.g. releasing the fruit from the stalk
A01F 12/00	Hauptgruppe	Parts or details of threshing machines; Parts or details of threshing devices for combines
A01F 12/10	1-Punkt Untergruppe	. Feeders
A01F 12/12	2-Punkt Untergruppe	. . without band-cutters
A01F 12/14	2-Punkt Untergruppe	. . with band-cutters
A01F 12/16	2-Punkt Untergruppe	. . Safety devices
A01F 12/18	1-Punkt Untergruppe	. Threshing devices
A01F 12/20	2-Punkt Untergruppe	. . Threshing cylinders with ribs
A01F 12/22	2-Punkt Untergruppe	. . Threshing cylinders with teeth
A01F 12/24	2-Punkt Untergruppe	. . One-part threshing concaves
A01F 12/26	2-Punkt Untergruppe	. . Multi-part threshing concaves

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A01F 12/28	2-Punkt Untergruppe	. . Devices for adjusting the concaves
A01F 12/30	1-Punkt Untergruppe	. Straw separators
A01F 12/32	2-Punkt Untergruppe	. . with shaker screens or sieves
A01F 12/34	3-Punkt Untergruppe	. . . Sieve elements; Linings for shakers
A01F 12/36	4-Punkt Untergruppe	 Sieve elements for handling short straw
A01F 12/38	2-Punkt Untergruppe	. . with juxtaposed and independently-moved shaker bars or the like
A01F 12/385	2-Punkt Untergruppe	. . with endless straw-conveying surface [5]
A01F 12/39	2-Punkt Untergruppe	. . with straw carriers in the form of rotors or drums [5]
A01F 12/395	2-Punkt Untergruppe	. . Conical or cylindrical straw separators with internal working surface [5]
A01F 12/40	1-Punkt Untergruppe	. Straw crushing or cutting, e.g. by chaff-cutters (cutting apparatus of chaff-cutters A01F 29/00)
A01F 12/42	1-Punkt Untergruppe	. Apparatus for removing awns from the grain (decorticating or removing awns otherwise than in threshing machines B02B 3/00)
A01F 12/44	1-Punkt Untergruppe	. Grain cleaners; Separators (screening or sifting apparatus in general B07B)
A01F 12/46	1-Punkt Untergruppe	. Mechanical grain conveyers (conveyers in general B65G)
A01F 12/48	1-Punkt Untergruppe	. Air conduits or blowers for grain (for transport in general B65G 51/00 , B65G 53/00)
A01F 12/50	1-Punkt Untergruppe	. Sack-filling devices; Counting or weighing devices (packaging in bags B65B 1/00; weighing apparatus in general G01G; counting mechanisms in general G06M)
A01F 12/52	1-Punkt Untergruppe	. Arrangements for returning unthreshed grain to the threshing device
A01F 12/54	1-Punkt Untergruppe	. Dust collecting and removing installations
A01F 12/56	1-Punkt Untergruppe	. Driving mechanisms for the threshing parts
A01F 12/58	1-Punkt Untergruppe	. Steering devices; Brakes; Bearings
A01F 12/60	1-Punkt Untergruppe	. Grain tanks
<u>Baling straw or the like (baling presses in general, briquetting presses B30B)</u>		
A01F 13/00	Hauptgruppe	Hand-operated baling apparatus
A01F 15/00	Hauptgruppe	Baling presses for straw, hay, or the like (making compressed stacks A01D 85/00; pick-ups A01D 89/00) [3]
A01F 15/02	1-Punkt Untergruppe	. with press-boxes
A01F 15/04	1-Punkt Untergruppe	. Plunger presses
A01F 15/06	2-Punkt Untergruppe	. . with double-action plunger
A01F 15/07	1-Punkt Untergruppe	. Rotobalers, i.e. machines for forming cylindrical bales by winding and pressing [5]
A01F 15/08	1-Punkt Untergruppe	. Parts
A01F 15/10	2-Punkt Untergruppe	. . Feeding devices for the crop material [3]
A01F 15/12	2-Punkt Untergruppe	. . Feeding devices for the ties
A01F 15/14	2-Punkt Untergruppe	. . Special adaptations of tying devices for baling presses (other equipment for binding harvested or mown produce A01D 59/00)

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A01F 15/16	2-Punkt Untergruppe	. . Division blocks
A01F 15/18	2-Punkt Untergruppe	. . Endless belts, rolls, or the like
		<u>Accessories for threshing machines or baling presses (loaders for sheaves, stacks or bales A01D 87/12; trailers B62D 63/06)</u>
A01F 17/00	Hauptgruppe	Straw conveyers for threshing machines or baling presses (conveyers in general B65G)
A01F 17/02	1-Punkt Untergruppe	. Mechanical conveyers
A01F 17/04	1-Punkt Untergruppe	. Pneumatic conveyers
A01F 19/00	Hauptgruppe	Devices for securing threshing machines or baling presses to the ground, e.g. for compensating for unevenness of the ground
A01F 21/00	Hauptgruppe	Devices for protecting human beings (in combines A01D 75/20; safety devices in general F16P)
A01F 25/00	Hauptgruppe	Storing agricultural or horticultural produce; Hanging-up harvested fruit (preservation of plants A01N 3/00; preservation of vegetables or fruit A23B 7/00; maturing fruit A23N 15/06; arrangements in barns for preparatory treatment of tobacco A24B 1/02; storing bulk material in general B65G; packing or storing hops C12C 3/04; drying in general F26B) [3]
A01F 25/02	1-Punkt Untergruppe	. Clamps; Pits
A01F 25/04	1-Punkt Untergruppe	. Stacks, ricks, or the like
A01F 25/08	2-Punkt Untergruppe	. . Ventilating means
A01F 25/10	2-Punkt Untergruppe	. . Shelters
A01F 25/12	1-Punkt Untergruppe	. Racks for drying purposes
A01F 25/13	1-Punkt Untergruppe	. Coverings (A01F 25/14 takes precedence; protective coverings for plants A01G 13/02) [3]
A01F 25/14	1-Punkt Untergruppe	. Containers specially adapted for storing (silos built by civil engineering techniques E04H 7/22) [3]
A01F 25/16	1-Punkt Untergruppe	. Arrangements in forage silos (loading or unloading arrangements in general B65G; construction of silos E04H 7/22)
A01F 25/18	2-Punkt Untergruppe	. . Loading or distributing arrangements [2]
A01F 25/20	2-Punkt Untergruppe	. . Unloading arrangements [2]
A01F 25/22	2-Punkt Untergruppe	. . Ventilating arrangements [2]
A01F 29/00	Hauptgruppe	Special adaptations of cutting machines for cutting hay, straw or fodder; Cutting apparatus of chaff-cutters (mowers combined with means for cutting up the mown crop A01D 43/08; disintegrating in general B02C; cutting machines in general B26D) [3]
A01F 29/01	1-Punkt Untergruppe	. . mounted on or drawn by a tractor, e.g. field choppers [7]
A01F 29/02	1-Punkt Untergruppe	. having rotating knives with their cutting edges in a plane perpendicular to their rotational axis [3]
A01F 29/04	2-Punkt Untergruppe	. . with feeding direction transverse to axis [3]
A01F 29/06	1-Punkt Untergruppe	. having rotating knives with their cutting edges on a cylinder surface, e.g. of the helical-type [3]
A01F 29/08	1-Punkt Untergruppe	. having reciprocating knives [3]
A01F 29/10	1-Punkt Untergruppe	. Feeding devices [3]
A01F 29/12	1-Punkt Untergruppe	. Discharge means (loaders for hay or like field crop having blowers A01D 87/10; conveyers B65G) [3]
A01F 29/14	1-Punkt Untergruppe	. Drives [3]
A01F 29/16	1-Punkt Untergruppe	. Safety devices, e.g. emergency brake arrangements [3]

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A01F 29/18	2-Punkt Untergruppe	. . for protecting human beings [3]
A01F 29/20	1-Punkt Untergruppe	. Other details [3]
A01F 29/22	2-Punkt Untergruppe	. . Arrangement of knife sharpening devices (knife sharpening devices per se B24B) [3]