

Symbol	Typ	Titel
<b>A</b>	<b>Sektion</b>	<b>SECTION A — HUMAN NECESSITIES</b>
<b>A23</b>	<b>Klasse</b>	<b>FOODS OR FOODSTUFFS; THEIR TREATMENT, NOT COVERED BY OTHER CLASSES</b>
<b>A23N</b>	<b>Unterklasse</b>	<b>MACHINES OR APPARATUS FOR TREATING HARVESTED FRUIT, VEGETABLES, OR FLOWER BULBS IN BULK, NOT OTHERWISE PROVIDED FOR; PEELING VEGETABLES OR FRUIT IN BULK; APPARATUS FOR PREPARING ANIMAL FEEDING-STUFFS (machines for cutting straw or fodder A01F 29/00; disintegrating, e.g. shredding, B02C; severing, e.g. cutting, splitting, slicing, B26B, B26D)</b>
<b>A23N 1/00</b>	<b>Hauptgruppe</b>	<b>Machines or apparatus for extracting juice (preparation of non-alcoholic beverages, e.g. by adding ingredients to fruit or vegetable juices, A23L 2/00; apparatus for making beverages A47J 31/00; extracting presses B30B)</b>
A23N 1/02	1-Punkt Untergruppe	. combined with disintegrating or cutting
<b>A23N 3/00</b>	<b>Hauptgruppe</b>	<b>Machines for coring or stoning fruit, characterised by their feeding device (A23N 4/00 takes precedence) [2]</b>
A23N 3/02	1-Punkt Untergruppe	. with feeder-drums
A23N 3/04	1-Punkt Untergruppe	. with endless feeder-belts
A23N 3/06	1-Punkt Untergruppe	. with feeder-tables
<b>A23N 4/00</b>	<b>Hauptgruppe</b>	<b>Machines for stoning fruit or removing seed-containing sections from fruit, characterised by their stoning or removing device (for peeling fruit and removing seed-containing sections A23N 7/08; domestic devices for stoning fruit A47J 23/00, for coring fruit A47J 25/00) [2, 3]</b>
A23N 4/02	1-Punkt Untergruppe	. for stoning fruit [2]
A23N 4/04	2-Punkt Untergruppe	. . for peaches, plums, apricots or the like [2]
A23N 4/06	2-Punkt Untergruppe	. . for cherries or the like (A23N 4/04 takes precedence) [2]
A23N 4/08	2-Punkt Untergruppe	. . for dates, olives or the like oblong fruits [2]
A23N 4/10	2-Punkt Untergruppe	. . for fruit with very small pips e.g. raisins [2]
A23N 4/12	1-Punkt Untergruppe	. for coring fruit [2]
A23N 4/14	2-Punkt Untergruppe	. . for apples, pears or the like [2]
A23N 4/16	2-Punkt Untergruppe	. . for tomatoes or the like [2]
A23N 4/18	2-Punkt Untergruppe	. . for citrus fruits [2]
A23N 4/20	2-Punkt Untergruppe	. . for pineapples [2]
A23N 4/22	1-Punkt Untergruppe	. for both splitting and stoning [2]
A23N 4/24	1-Punkt Untergruppe	. for removing seed-containing sections from cut fruit [2]
<b>A23N 5/00</b>	<b>Hauptgruppe</b>	<b>Machines for hulling, husking, or cracking nuts</b>
A23N 5/01	1-Punkt Untergruppe	. for peanuts [2]
A23N 5/03	1-Punkt Untergruppe	. for coconuts (A23N 5/08 takes precedence) [2]
A23N 5/08	1-Punkt Untergruppe	. for removing fleshy or fibrous hulls of nuts (for peanuts A23N 5/01)
<b>A23N 7/00</b>	<b>Hauptgruppe</b>	<b>Peeling vegetables or fruit (devices for skinning onions A23N 15/08; peeling machines of the household type A47J 17/00) [3]</b>
A23N 7/01	1-Punkt Untergruppe	. using chemical substances, e.g. lye [2, 3]

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A23N 7/02	1-Punkt Untergruppe	. Peeling potatoes, apples or similarly shaped vegetables or fruit (A23N 7/01 takes precedence) [3]
A23N 7/04	1-Punkt Untergruppe	. Peeling asparagus (A23N 7/01 takes precedence) [3]
A23N 7/08	1-Punkt Untergruppe	. for peeling fruit and removing seed-containing sections
A23N 7/10	1-Punkt Untergruppe	. Driving mechanisms
<b>A23N 11/00</b>	<b>Hauptgruppe</b>	<b>Removing pith from stems</b>
<b>A23N 12/00</b>	<b>Hauptgruppe</b>	<b>Machines for cleaning, blanching, drying or roasting fruits or vegetables, e.g. coffee, cocoa, nuts (methods for treating, e.g. roasting, coffee or cocoa A23F, A23G; cleaning, e.g. washing, or drying grain B02B 1/00; separating solids from solids for cleaning B07B; cleaning in general B08B; heating devices <u>per se</u>, <u>see</u> the relevant classes, e.g. F24; drying machines in general F26B) [3]</b>
A23N 12/02	1-Punkt Untergruppe	. for washing or blanching (A23N 12/06 takes precedence; blanching methods A23B 7/06) [3]
A23N 12/04	2-Punkt Untergruppe	. . for blanching [3]
A23N 12/06	1-Punkt Untergruppe	. for washing or blanching, combined with subsequent drying [3]
A23N 12/08	1-Punkt Untergruppe	. for drying or roasting (A23N 12/06 takes precedence) [3]
A23N 12/10	2-Punkt Untergruppe	. . Rotary roasters [3]
A23N 12/12	2-Punkt Untergruppe	. . Auxiliary devices for roasting machines [3]
<b>A23N 15/00</b>	<b>Hauptgruppe</b>	<b>Machines or apparatus for other treatment of fruits or vegetables for human purposes; Machines or apparatus for topping or skinning flower bulbs [2]</b>
A23N 15/01	1-Punkt Untergruppe	. for stripping brussels' sprouts from stalks [2]
A23N 15/02	1-Punkt Untergruppe	. for stemming, piercing or stripping fruit; Removing sprouts of potatoes
A23N 15/04	1-Punkt Untergruppe	. Devices for topping fruit or vegetables (topping onions A23N 15/08) [2]
A23N 15/06	1-Punkt Untergruppe	. Devices for other treatment of fruit, e.g. marking, maturing, polishing
A23N 15/08	1-Punkt Untergruppe	. Devices for topping or skinning onions or flower bulbs [2]
A23N 15/10	1-Punkt Untergruppe	. for shelling peas or beans [2]
A23N 15/12	1-Punkt Untergruppe	. for snipping or stringing beans [3]
<b>A23N 17/00</b>	<b>Hauptgruppe</b>	<b>Apparatus specially adapted for preparing animal feeding-stuffs</b>
A23N 17/02	1-Punkt Untergruppe	. Fodder mashers (household implements for mashing potatoes or other foodstuffs A47] 19/04)