

A 23 N 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 [A 01 F 29/00](#); disintegrating, e.g. shredding, [B 02 C](#); severing, e.g. cutting, splitting, slicing, [B 26 B, D](#))

Subclass Index

APPARATUS FOR DRAINING.....	1/00	MACHINES FOR HULLING, HUSKING, CRACKING, OR PEELING.....	5/00, 7/00
MACHINES FOR STONING OR REMOVING SEED CONTAINING SECTIONS	3/00, 4/00	APPARATUS FOR PREPARING ANIMAL FEEDING-STUFFS.....	17/00
		MACHINES FOR OTHER TREATMENT	11/00 to 15/00

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- 1/00 Machines or apparatus for extracting juice**
(preparation of non-alcoholic beverages, e.g. by adding ingredients to fruit or vegetable juices, [A 23 L 2/00](#); apparatus for making beverages [A 47 J 31/00](#); extracting presses [B 30 B](#))
- 1/02 . combined with disintegrating or cutting
- 3/00 Machines for coring or stoning fruit, characterised by their feeding device** ([4/00](#) takes precedence) [2]
- 3/02 . with feeder-drums
- 3/04 . with endless feeder-belts
- 3/06 . with feeder-tables
- 4/00 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 [7/08](#); domestic devices for stoning fruit [A 47 J 23/00](#), for coring fruit [25/00](#)) [2,3]
- 4/02 . for stoning fruit [2]
- 4/04 . . for peaches, plums, apricots or the like [2]
- 4/06 . . for cherries or the like ([4/04](#) takes precedence) [2]
- 4/08 . . for dates, olives or the like oblong fruits [2]
- 4/10 . . for fruit with very small pips e.g. raisins [2]
- 4/12 . for coring fruit [2]
- 4/14 . . for apples, pears or the like [2]
- 4/16 . . for tomatoes or the like [2]
- 4/18 . . for citrus fruits [2]
- 4/20 . . for pineapples [2]
- 4/22 . for both splitting and stoning [2]
- 4/24 . for removing seed-containing sections from cut fruit [2]
- 5/00 Machines for hulling, husking, or cracking nuts**
- 5/01 . for peanuts [2]
- 5/03 . for coconuts ([5/08](#) takes precedence) [2]
- 5/08 . for removing fleshy or fibrous hulls of nuts (for peanuts [5/01](#))
- 7/00 Peeling vegetables or fruit** (devices for skinning onions [15/08](#); peeling machines of the household type [A 47 J 17/00](#)) [3]
- 7/01 . using chemical substances, e.g. lye [2,3]
- 7/02 . Peeling potatoes, apples or similarly shaped vegetables or fruit ([7/01](#) takes precedence) [3]
- 7/04 . Peeling asparagus ([7/01](#) takes precedence) [3]
- 7/08 . for peeling fruit and removing seed-containing sections
- 7/10 . Driving mechanisms
- 11/00 Removing pith from stems**
- 12/00 Machines for cleaning, blanching, drying or roasting fruits or vegetables, e.g. coffee, cocoa, nuts** (methods for treating, e.g. roasting, coffee or cocoa [A 23 F, G](#); cleaning, e.g. washing, or drying grain [B 02 B 1/00](#); separating solids from solids for cleaning [B 07 B](#); cleaning in general [B 08 B](#); heating devices *per se*, see the relevant classes, e.g. [F 24](#); drying machines in general [F 26 B](#)) [3]
- 12/02 . for washing or blanching ([12/06](#) takes precedence; blanching methods [A 23 B 7/06](#)) [3]
- 12/04 . . for blanching [3]
- 12/06 . for washing or blanching, combined with subsequent drying [3]
- 12/08 . for drying or roasting ([12/06](#) takes precedence) [3]
- 12/10 . . Rotary roasters [3]
- 12/12 . . Auxiliary devices for roasting machines [3]
- 15/00 Machines or apparatus for other treatment of fruits or vegetables for human purposes; Machines or apparatus for topping or skinning flower bulbs** [2]
- 15/01 . for stripping brussels' sprouts from stalks [2]
- 15/02 . for stemming, piercing or stripping fruit; Removing sprouts of potatoes
- 15/04 . Devices for topping fruit or vegetables (topping onions [15/08](#)) [2]
- 15/06 . Devices for other treatment of fruit, e.g. marking, maturing, polishing
- 15/08 . Devices for topping or skinning onions or flower bulbs [2]
- 15/10 . for shelling peas or beans [2]
- 15/12 . for snipping or stringing beans [3]
- 17/00 Apparatus specially adapted for preparing animal feeding-stuffs**
- 17/02 . Fodder mashers (household implements for mashing potatoes or other foodstuffs [A 47 J 19/04](#))