

## SECTION A — HUMAN NECESSITIES

### A23 FOODS OR FOODSTUFFS; THEIR TREATMENT, NOT COVERED BY OTHER CLASSES

**A23N 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)

#### Subclass index

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

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| <p><b>1/00 Machines or apparatus for extracting juice</b><br/>         (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) [1, 2006.01]</p> <p>1/02 • combined with disintegrating or cutting [1, 2006.01]</p> <p><b>3/00 Machines for coring or stoning fruit, characterised by their feeding device</b> (A23N 4/00 takes precedence) [1, 2, 2006.01]</p> <p>3/02 • with feeder-drums [1, 2006.01]</p> <p>3/04 • with endless feeder-belts [1, 2006.01]</p> <p>3/06 • with feeder-tables [1, 2006.01]</p> <p><b>4/00 Machines for stoning fruit or removing seed-containing sections from fruit, characterised by their stoning or removing device</b> (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, 2006.01]</p> <p>4/02 • for stoning fruit [2, 2006.01]</p> <p>4/04 • • for peaches, plums, apricots or the like [2, 2006.01]</p> <p>4/06 • • for cherries or the like (A23N 4/04 takes precedence) [2, 2006.01]</p> <p>4/08 • • for dates, olives or the like oblong fruits [2, 2006.01]</p> <p>4/10 • • for fruit with very small pips e.g. raisins [2, 2006.01]</p> <p>4/12 • for coring fruit [2, 2006.01]</p> <p>4/14 • • for apples, pears or the like [2, 2006.01]</p> <p>4/16 • • for tomatoes or the like [2, 2006.01]</p> <p>4/18 • • for citrus fruits [2, 2006.01]</p> <p>4/20 • • for pineapples [2, 2006.01]</p> <p>4/22 • for both splitting and stoning [2, 2006.01]</p> <p>4/24 • for removing seed-containing sections from cut fruit [2, 2006.01]</p> <p><b>5/00 Machines for hulling, husking, or cracking nuts</b> [1, 2006.01]</p> <p>5/01 • for peanuts [2, 2006.01]</p> | <p>5/03 • for coconuts (A23N 5/08 takes precedence) [2, 2006.01]</p> <p>5/08 • for removing fleshy or fibrous hulls of nuts (for peanuts A23N 5/01) [1, 2006.01]</p> <p><b>7/00 Peeling vegetables or fruit</b> (devices for skinning onions A23N 15/08; peeling machines of the household type A47J 17/00) [1, 3, 2006.01]</p> <p>7/01 • using chemical substances, e.g. lye [2, 3, 2006.01]</p> <p>7/02 • Peeling potatoes, apples or similarly shaped vegetables or fruit (A23N 7/01 takes precedence) [1, 3, 2006.01]</p> <p>7/04 • Peeling asparagus (A23N 7/01 takes precedence) [1, 3, 2006.01]</p> <p>7/08 • for peeling fruit and removing seed-containing sections [1, 2006.01]</p> <p>7/10 • Driving mechanisms [1, 2006.01]</p> <p><b>11/00 Removing pith from stems</b> [1, 2006.01]</p> <p><b>12/00 Machines for cleaning, blanching, drying or roasting fruits or vegetables, e.g. coffee, cocoa, nuts</b> (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 <i>per se</i>, see the relevant classes, e.g. F24; drying machines in general F26B) [3, 2006.01]</p> <p>12/02 • for washing or blanching (A23N 12/06 takes precedence; blanching methods A23B 7/06) [3, 2006.01]</p> <p>12/04 • • for blanching [3, 2006.01]</p> <p>12/06 • for washing or blanching, combined with subsequent drying [3, 2006.01]</p> <p>12/08 • for drying or roasting (A23N 12/06 takes precedence) [3, 2006.01]</p> <p>12/10 • • Rotary roasters [3, 2006.01]</p> <p>12/12 • • Auxiliary devices for roasting machines [3, 2006.01]</p> |
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**15/00 Machines or apparatus for other treatment of fruits or vegetables for human purposes; Machines or apparatus for topping or skinning flower bulbs [1, 2, 2006.01]**

- 15/01 • for stripping brussels' sprouts from stalks [2, 2006.01]
- 15/02 • for stemming, piercing or stripping fruit; Removing sprouts of potatoes [1, 2006.01]
- 15/04 • Devices for topping fruit or vegetables (topping onions A23N 15/08) [1, 2, 2006.01]

- 15/06 • Devices for other treatment of fruit, e.g. marking, maturing, polishing [1, 2006.01]
- 15/08 • Devices for topping or skinning onions or flower bulbs [2, 2006.01]
- 15/10 • for shelling peas or beans [2, 2006.01]
- 15/12 • for snipping or stringing beans [3, 2006.01]

**17/00 Apparatus specially adapted for preparing animal feeding-stuffs [1, 2006.01]**

- 17/02 • Fodder mashers (household implements for mashing potatoes or other foodstuffs A47J 19/04) [1, 2006.01]