

This heading is primarily concerned with apparatus for dividing and dressing (*ie* removing unwanted portions from) foodstuffs, harvested vegetable matter &c; certain pressing apparatus for foodstuffs &c; and apparatus for carrying out certain other operations on foodstuffs &c - in particular cleaning and separating clumps. Also classified here are methods and techniques of performing these operations

Explanation of subject matter of heading and relationship with other headings

General This heading is concerned with dividing, dressing &c apparatus and methods for use with foodstuffs, harvested vegetable matter (*including* silage and tobacco), and certain other materials where the dividing &c operation is similar - in particular graters for soap, and domestic scraping and breaking tools for ice

Excluded are apparatus and methods applied to certain specific materials:

- . crushing or breaking tea; cutting curd in cheese making—A2B, Food preparations
- . stripping and stemming tobacco—A2C, Cigarettes, tobacco &c
- . cutting and piercing cigars and cigarettes—A2M, Smokers' accessories
- . bulk treatment of grain, seeds, nuts and single-stone fruits—A2Q, Treating grain, seeds &c
- . dressing, boning, skinning, splitting and cleaning meat, fish and poultry—A2U, Preparing meat &c. Slicing, grating and mincing meat is however subject matter for this heading A4C
- . opening eggs—A4D, Cooking apparatus &c
- . cutting plastic substances in general—B5A, Moulding plastic substances &c. Butter and cheese cutters are however subject matter for this heading A4C

Some of the subject matter in this heading has affinity with matter to be found in the following headings in which search may be necessary:

- . B1C, Mixing &c—for food processors where the centre of interest is a mixing operation, or where there is no interest in any particular operation performed by the food processor
- . B2A, Comminuting—for comminuting, grinding, milling and shredding materials *including* coffee, grain, seeds, nuts, sugar cane, garden refuse
- . B4B, Cutting &c—for hand knives, scissors, axes, chisels, picks and machines for cutting, punching, perforating, tearing or splitting sheet material (*eg* paper, leather, fabric). Electric carving knives and knives specially modified for cutting and peeling foodstuffs &c are however subject matter for this heading A4C

Dividing and dressing foodstuffs &c Classified here are disclosures concerned with dividing *ie* cutting, chopping, slicing, mincing (*ie* extruding and shearing), grating (*ie* fragmenting by rubbing) &c—*including* holders and boards therefor—and dressing, *ie* removing cores, peeling, shelling, topping, tailing, de-stalking &c

Excluded are:

- . harvesting machines; machines for cutting a growing crop *including* cutting or otherwise removing unwanted material *eg* potato haulms, beet tops or tails—A1F, Harvesting &c
- . hand and table devices for breaking and opening nuts; finger shields for cutting appliances—A4A, Portable vessels, table articles &c
- . ice boring or drilling tools—B3C, Drilling and boring; E1F, Earth and rock working &c
- . blasting with particles; grinding—B3D, Abrading
- . hand grip cutting and punching tools—B4W, Gripping-tools &c
- . saws—B5L, Sawing, woodworking &c
- . sweep arm cutting machines for silage silos &c—B8E, Loading and unloading

Explanation of heading—cont

Pressing foodstuffs &c Presses in which juice is extracted by reaming out the inside of the fruit *eg* citrus fruit presses are in general subject matter for this heading A4C. A4C is however residual for other presses which are in general classified elsewhere in such headings as:

B1D, Filtering and settling - for filter presses

B2A, Comminuting - for comminuting *eg* by milling, crushing or grinding

B5F, Presses - for baling presses and heavy industrial presses

C5C, Animal and vegetable fats and oils &c - for processes for extracting fats and oils from animal and vegetable matter

F4G, Drying &c—for drying by pressing out moisture

Other operations This heading is residual for other operations carried out on foodstuffs &c; comprehensive references to which are to be found in heading A2B, Food preparations. Operations which are specifically subject matter for this heading A4C are cleaning foodstuffs &c and separating clumps thereof

Excluded are:

. cleaning eggs—A1M, Animal husbandry

. cleaning meat, fish or poultry—A2U, Preparing meat &c

The exclusion references listed in this heading are not exhaustive. Reference should be made to the appropriate general heading/s for processes, materials, elements or devices which may be more widely applicable than can appropriately be classified in this heading

Relationship with the Universal Indexing Schedules (Heading U1S)

The main function of U1S in relation to this heading is to identify, subject to the U1S indexing rules, the foodstuff or other substances treated

Operative date for Key entries

The operative date of the terms in this heading is that of Edition F

Classifying Schedule

- Dividing and dressing—
- CA . association with functionally different operation (generally from a different art *eg* drying, cooking)
 . plural operations—
- CPA . . subjecting work to more than one operation—same or different (by unitary blade construction where interest lies in blade construction *per se*—*See* term CUC *below*); providing the facilities for more than one operation (*eg* a peeler combined with a slicer); converting between different operations (*eg* having interchangeable cutters)
- CPW . . operations characterised by operating on more than one item *eg* cutting across parallel columns of foodstuff
- CB . overall organisation *eg* association between cutting and work handling
- CR . controlling in response to sensed or monitored condition
 . unit subjects—
- CUC . . operating (*ie* cutting &c) arrangements *eg* blade constructions and mountings (*including* mountings enabling cutter to deflect on encountering obstacles &c); cutting heads; hand held cutters and peelers *per se*
 . . work handling—
- CUG . . . feeding to and/or through operating station
- CUH . . . delivering from operating station
- CUW . . . association of CUG, CUH subjects
- CUS . . . other work handling subjects *eg* carving boards, meat clamps
- CUD . . drive arrangements *eg* for cutting or work handling devices
- CUF . . frames, casings
 . ancillary subjects—
- CDA . . adjusting depth, thickness or angle of cut; compensating for wear
- CDS . . cleaning/servicing of apparatus; removing or intercepting waste, dirt, grease &c
 . . . sharpening cutter—*See* term CDH *below*
 . . . dismantling, displacing for cleaning &c—*See* term CDC *below*
- CDC . . dismantling, displacing *eg* for servicing, repair, cleaning
 . . . specifically for sharpening—*see* term CDH *below*
 . . . to perform different cutting &c operation—*See* term CPA *above*
- CDG . . accommodating faulty operation
 . . . in response to sensed or monitored condition—*See* term CR *above*
- CDH . . sharpening cutter
 . . . of interest *per se*—*See* B3D, Abrading
- CDX . . other ancillary subjects *eg* illuminating, viewing
 . . . machinery guards; safety arrangements—*See* F2J, Machinery guards &c
- CM . methods and techniques of interest independently of apparatus used
- Pressing—
- CLA . association with dividing or dressing—*See* term CA *above*
- CLX . involving reaming out of inside of fruit *eg* citrus fruit presses
 . other
- Other operations—
- CNA . association with dividing or dressing—*See* term CA *above*
- CNX . washing, cleaning, separating clumps
 . other

Indexing ScheduleNotes

1. Terms from this schedule are assigned with any classifying term except CL-, CN-
2. Many of the terms in this art are used loosely. Consequently when searching using this indexing schedule, care should be taken to identify those terms which might have been assigned

- Dressing—
- C101 . removing cores, eyes, bruises, stones, seeds &c
- C102 . peeling, paring, scraping, abrading
- C103 . shelling
- C104 . topping, tailing, de-stalking
- C105 . stripping produce from plant *eg* stripping off brussels sprouts
- C109 . other dressing operations *ie* operations for removing unwanted portions
- Dividing—
- C110 . by removing substantial blocks or slices from bulk material (*eg* cutting blocks or slices of silage)
- . by systematically dividing into discrete, well-defined portions *eg* strips, slices, chips, chunks—
- . . removing substantial blocks &c—*See* term C110 *above*
- . . by cutting (near—) simultaneously at spaced positions—
- C112 . . . item moving during division (*eg* as in stationery-knife potato-chippers)
- C113 . . . item not moving during division; or unspecified
- . . by repeatedly cutting across item which is advanced relative to cutter (*including* arrangements in which the cutter and/or item is advanced manually or by gravity, but *excluding* work-holders and cutters which are completely independent *eg* simple carving boards, electric carving knives)—
- C131 . . . stationary cutters
- . . . moving cutters—
- C132 endless band-knives (*including* endless wires)
- C133 reciprocating cutters (*including* pivoting cutters, *eg* wires pivoting about one end)
- cutters rotating about a reciprocating axis—*See* terms C134, C135 *below*
- C134 cutters rotating about an axis generally parallel to the line of cut
- C135 cutters rotating about an axis generally transverse to the line of cut *eg* bacon slicers
- C139 other
- . . by other means—
- C116 . . . stationary single cutters
- C117 . . . movable single cutters *eg* electric carving knives, rotary saws
- C119 . . . other or unspecified means
- . by randomly dividing—
- C121 . . mincing *ie* extruding and shearing (*eg* as in domestic mincers)
- C122 . . grating *ie* fragmenting by rubbing (*eg* with planar, cylindrical or conical members having abrasive, perforated or finely-toothed surfaces)
- C129 . . other *eg* comminuting