

ECLA EUROPEAN CLASSIFICATION

A24B MANUFACTURE OR PREPARATION OF TOBACCO FOR SMOKING OR CHEWING; TOBACCO; SNUFF

A24B1/00 Preparation of tobacco on the plantation ([harvesters for tobacco A01D45/16](#))

- A24B1/02 . Arrangements in barns for preparatory treatment of the tobacco, e.g. with devices for drying
- A24B1/04 . Sifting, sorting, cleaning or removing impurities from tobacco ([purifying by sifting or sorting in general B07B](#))
- A24B1/06 . Stringing tobacco leaves
- A24B1/08 . Suspending devices for tobacco leaves
- A24B1/10 . Packing or pressing tobacco

A24B3/00 Preparing tobacco in the factory

- A24B3/02 . Humidifying packed raw tobacco ([containers for packaging contents in moist condition B65D81/22](#))
- A24B3/04 . Humidifying or drying tobacco bunches or cut tobacco ([A24B3/12 takes precedence](#))
- A24B3/06 . Loosening tobacco leaves or cut tobacco ([A24B3/07 takes precedence](#))
- A24B3/07 . Cutting or removing tie leaves; Cutting-off stem butts
- A24B3/08 . Blending tobacco
- A24B3/10 . Roasting or cooling tobacco
- A24B3/12 . Steaming, curing, or flavouring tobacco
- A24B3/14 . Forming reconstituted tobacco products, e.g. wrapper materials, sheets, imitation leaves, rods, cakes; Forms of such products ([delustering A24C1/40; tobacco or cigarette paper D21H](#))
- A24B3/16 . Classifying or aligning leaves
- A24B3/18 . Other treatment of leaves, e.g. puffing, crimpling, cleaning
- A24B3/18B . . [N: Puffing]
- A24B3/18B2 . . . [N: by impregnating with a liquid and subsequently freezing and evaporating this liquid]
- A24B3/18B4 . . . [N: by electrical treatment]

A24B5/00 Stripping tobacco; Treatment of stems or ribs

- A24B5/02 . by plucking out the stem
- A24B5/04 . by cutting out the stem
- A24B5/06 . by stripping leaf-parts from the stem
- A24B5/08 . by cutting-off, shaving off, pressing flat the thick parts of stems or ribs
- A24B5/10 . by crushing the leaves with subsequent separating
- A24B5/12 . Auxiliary devices for stripping
- A24B5/14 . Flattening machines for leaves or stems
- A24B5/16 . Other treatment of stems or ribs, e.g. bending, chopping, incising ([humidifying A24B3/04](#))

- A24B7/00** **Cutting tobacco** ([hand cutting tools B26B](#); [slicing in general B26D1/00, B26D3/00](#))
- A24B7/02 . by machines with reciprocating knives
- A24B7/04 . by machines with revolving knives
- A24B7/06 . . with two co-operating sets of knife discs
- A24B7/08 . . with several knives which act one after the other
- A24B7/10 . . . with cutter axes parallel to the feeding direction
- A24B7/12 . . . with cutter axes transverse to the feeding direction
- A24B7/14 . Feeding or regulating devices for tobacco-cutting apparatus

- A24B9/00** **Control of the moisture content of tobacco products, e.g. cigars, cigarettes, pipe tobacco** ([N: [final drying of cigars A24C1/38D](#), of [cigarettes A24C5/60D](#)]; [devices for use by the smoker for controlling the moisture content of tobacco products A24F25/00](#))

- A24B11/00** **Tobacco-twisting machines**

- A24B13/00** **Tobacco for pipes, for cigars, e.g. cigar inserts, or for cigarettes; Chewing tobacco; Snuff** ([mechanical treatment A24B3/00 to A24B11/00](#); [reconstituted tobacco products A24B3/14](#); [chemical features or treatment of tobacco A24B15/00](#))
- A24B13/02 . Flakes or shreds of tobacco

- A24B15/00** **Chemical features or treatment of tobacco; Tobacco substitutes** ([A24B3/00](#) takes precedence)
- A24B15/10 . Chemical features of tobacco products or tobacco substitutes
- A24B15/12 . . of reconstituted tobacco
- A24B15/14 . . . made of tobacco and a binding agent not derived from tobacco

- A24B15/16 . . of tobacco substitutes
- A24B15/16K . . . [N: comprising as heat source a carbon fuel or an oxydized or thermally degraded carbonaceous fuel, e.g. carbohydrates, cellulosic material]
- A24B15/18 . Treatment of tobacco products or tobacco substitutes
- A24B15/18B . . [N: sterilization, preservation or biological decontamination] [N1112]
- A24B15/18F . . [N: by coating with a coating composition, encapsulation of tobacco particles (encapsulation of additives other than tobacco : [A24B15/28B4](#))] [N1112]
- A24B15/20 . . Biochemical treatment
- A24B15/22 . . by application of electric or wave energy or particle radiation
- A24B15/24 . . by extraction; Tobacco extracts
- A24B15/24B . . . [N: Extraction of specific substances] [N1112]
- A24B15/24B2 [N: Nicotine] [N1112]
- A24B15/24B4 [N: Nitrosamines] [N1112]
- A24B15/24B6 [N: Polycyclic aromatic compounds] [N1112]
- A24B15/24B8 [N: Heavy metals] [N1112]
- A24B15/26 . . . Use of organic solvents for extraction
- A24B15/28 . . by chemical substances
- A24B15/28B . . . [N: the action of the chemical substances being delayed]
- A24B15/28B2 [N: by indirect addition of the chemical substances, e.g. in the wrapper, in the case]
- A24B15/28B4 [N: by encapsulation of the chemical substances]

Note

In groups [A24B15/30](#) to [A24B15/42](#), in the absence of an indication to the contrary, classification is made in the last appropriate place for a substance

- A24B15/28B4B [N: the additive being bound to a host by chemical, electrical or like forces, e.g. use of precursors, inclusion complexes] [N1112]
- A24B15/28D . . . [N: characterised by structural features, e.g. particle shape or size] [N1112]
- A24B15/28D2 [N: Nanoparticles] [N1112]
- A24B15/28H . . . [N: by inorganic substances only] [N1112]
- A24B15/28H2 [N: Catalysts or catalytic material, e.g. included in the wrapping material] [N1112]
- A24B15/30 . . . by organic substances [N:([A24B15/28B](#) takes precedence)]
- A24B15/30B [N: by aromatic compounds]
- A24B15/30C [N: by natural substances obtained from animals or plants][N0303]
- A24B15/30C2 [N: Plant extracts other than tobacco] [N1112]
- A24B15/30E [N: of undetermined constitution characterised by their preparation]
- A24B15/30E2 [N: one reactant being an amino acid or a protein, e.g. Maillard`s reaction ([A24B15/30E4](#) takes precedence)]
- A24B15/30E4 [N: using micro-organisms or enzymes as catalysts]
- A24B15/30G [N: vitamins] [N1112]
- A24B15/32 by acylic compounds
- A24B15/34 containing a carbocyclic ring other than a six-membered aromatic ring
- A24B15/34B [N: containing condensed rings]

- A24B15/36 containing a heterocyclic ring
- A24B15/36B [N: having nitrogen and sulfur as hetero atoms in the same ring]
- A24B15/38 having only nitrogen as hetero atom
- A24B15/38B [N: in a five-membered ring]
- A24B15/40 having only oxygen or sulfur as hetero atoms
- A24B15/40B [N: having only oxygen as hetero atoms]
- A24B15/40B2 {7 dots} [N: in a five-membered ring]
- A24B15/42 . . . by organic and inorganic substances [N: ([A24B15/28B](#) takes precedence)]