

CPC COOPERATIVE PATENT CLASSIFICATION

A HUMAN NECESSITIES

FOODSTUFFS; TOBACCO

A24 TOBACCO; CIGARS; CIGARETTES; SIMULATED SMOKING DEVICES; SMOKERS' REQUISITES

(NOTE omitted)

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

WARNING

In this subclass non-limiting references (in the sense of paragraph 39 of the Guide to the IPC) may still be displayed in the scheme.

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| <p>1/00 Preparation of tobacco on the plantation
(harvesters for tobacco A01D 45/16)</p> <p>1/02 . Arrangements in barns for preparatory treatment of the tobacco, e.g. with devices for drying</p> <p>1/04 . Sifting, sorting, cleaning or removing impurities from tobacco (purifying by sifting or sorting in general B07B)</p> <p>1/06 . Stringing tobacco leaves</p> <p>1/08 . Suspending devices for tobacco leaves</p> <p>1/10 . Packing or pressing tobacco</p> <p>3/00 Preparing tobacco in the factory</p> <p>3/02 . Humidifying packed raw tobacco (containers for packaging contents in moist condition B65D 81/22)</p> <p>3/04 . Humidifying or drying tobacco bunches or cut tobacco (A24B 3/12 takes precedence)</p> <p>3/06 . Loosening tobacco leaves or cut tobacco (A24B 3/07 takes precedence)</p> <p>3/07 . Cutting or removing tie leaves; Cutting-off stem butts</p> <p>3/08 . Blending tobacco</p> <p>3/10 . Roasting or cooling tobacco</p> <p>3/12 . Steaming, curing, or flavouring tobacco</p> <p>3/14 . Forming reconstituted tobacco products, e.g. wrapper materials, sheets, imitation leaves, rods, cakes; Forms of such products (delustering A24C 1/40; tobacco or cigarette paper D21H)</p> <p><u>WARNING</u></p> <p>Group A24B 3/14 is impacted by reclassification into group A24C 5/01.</p> <p>Groups A24B 3/14 and A24C 5/01 should be considered in order to perform a complete search.</p> <p>3/16 . Classifying or aligning leaves</p> <p>3/18 . Other treatment of leaves, e.g. puffing, crimping, cleaning</p> <p>3/182 . . {Puffing}</p> <p>3/185 . . . {by impregnating with a liquid and subsequently freezing and evaporating this liquid}</p> <p>3/187 . . . {by electrical treatment}</p> | <p>5/00 Stripping tobacco; Treatment of stems or ribs</p> <p>5/02 . by plucking out the stem</p> <p>5/04 . by cutting out the stem</p> <p>5/06 . by stripping leaf-parts from the stem</p> <p>5/08 . by cutting-off, shaving off, pressing flat the thick parts of stems or ribs</p> <p>5/10 . by crushing the leaves with subsequent separating</p> <p>5/12 . Auxiliary devices for stripping</p> <p>5/14 . Flattening machines for leaves or stems</p> <p>5/16 . Other treatment of stems or ribs, e.g. bending, chopping, incising (humidifying A24B 3/04)</p> <p>7/00 Cutting tobacco (hand cutting tools B26B; slicing in general B26D 1/00, B26D 3/00)</p> <p>7/02 . by machines with reciprocating knives</p> <p>7/04 . by machines with revolving knives</p> <p>7/06 . . with two co-operating sets of knife discs</p> <p>7/08 . . with several knives which act one after the other</p> <p>7/10 . . . with cutter axes parallel to the feeding direction</p> <p>7/12 . . . with cutter axes transverse to the feeding direction</p> <p>7/14 . Feeding or control devices for tobacco-cutting apparatus</p> <p>9/00 Control of the moisture content of tobacco products, e.g. cigars, cigarettes, pipe tobacco ({final drying of cigars A24C 1/383, of cigarettes A24C 5/603}; devices for use by the smoker for controlling the moisture content of tobacco products A24F 25/00)</p> <p>11/00 Tobacco-twisting machines</p> <p>13/00 Tobacco for pipes, for cigars, e.g. cigar inserts, or for cigarettes; Chewing tobacco; Snuff (mechanical treatment A24B 3/00 - A24B 11/00; reconstituted tobacco products A24B 3/14; chemical features or treatment of tobacco A24B 15/00)</p> <p>13/02 . Flakes or shreds of tobacco</p> |
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15/00	Chemical features or treatment of tobacco; Tobacco substitutes, e.g. in liquid form (A24B 3/00 takes precedence) NOTE In groups A24B 15/30 - A24B 15/42 , the last place priority rule is applied, i.e. at each hierarchical level, in the absence of an indication to the contrary, classification is made in the last appropriate place for a substance. {This Note corresponds to IPC Note (1) relating to A24B 15/30 - A24B 15/42 .}	15/305 {of undetermined constitution characterised by their preparation}
		15/306	. . . . {one reactant being an amino acid or a protein, e.g. Maillard's reaction (A24B 15/307 takes precedence)}
		15/307	. . . . {using microorganisms or enzymes as catalysts}
		15/308	. . . . {vitamins}
		15/32	. . . . by acyclic compounds
		15/34	. . . . containing a carbocyclic ring other than a six-membered aromatic ring
		15/345	. . . . {containing condensed rings}
		15/36	. . . . containing a heterocyclic ring
		15/365	. . . . {having nitrogen and sulfur as hetero atoms in the same ring}
		15/38	. . . . having only nitrogen as hetero atom
		15/385	. . . . {in a five-membered ring}
		15/40	. . . . having only oxygen or sulfur as hetero atoms
		15/403	. . . . {having only oxygen as hetero atoms}
		15/406	. . . . {in a five-membered ring}
		15/42	. . . by organic and inorganic substances {(A24B 15/281 takes precedence)}
15/10	. Chemical features of tobacco products or tobacco substitutes		
15/12	. . of reconstituted tobacco		
15/14	. . . made of tobacco and a binding agent not derived from tobacco		
15/16	. . of tobacco substitutes		
15/165	. . . {comprising as heat source a carbon fuel or an oxidized or thermally degraded carbonaceous fuel, e.g. carbohydrates, cellulosic material}		
15/167	. . . in liquid or vaporisable form, e.g. liquid compositions for electronic cigarettes		
15/18	. Treatment of tobacco products or tobacco substitutes		
15/183	. . {sterilization, preservation or biological decontamination}		
15/186	. . {by coating with a coating composition, encapsulation of tobacco particles (encapsulation of additives other than tobacco : A24B 15/283)}		
15/20	. . Biochemical treatment		
15/22	. . by application of electric or wave energy or particle radiation		
15/24	. . by extraction; Tobacco extracts		
15/241	. . . {Extraction of specific substances}		
15/243	. . . . {Nicotine}		
15/245	. . . . {Nitrosamines}		
15/246	. . . . {Polycyclic aromatic compounds}		
15/248	. . . . {Heavy metals}		
15/26	. . . Use of organic solvents for extraction		
15/28	. . by chemical substances		
15/281	. . . {the action of the chemical substances being delayed}		
15/282	. . . . {by indirect addition of the chemical substances, e.g. in the wrapper, in the case}		
15/283	. . . . {by encapsulation of the chemical substances}		
15/284	. . . . {the additive being bound to a host by chemical, electrical or like forces, e.g. use of precursors, inclusion complexes}		
15/285	. . . {characterised by structural features, e.g. particle shape or size}		
15/286	. . . . {Nanoparticles}		
15/287	. . . {by inorganic substances only}		
15/288	. . . . {Catalysts or catalytic material, e.g. included in the wrapping material}		
15/30	. . . by organic substances {(A24B 15/281 takes precedence)}		
15/301	. . . . {by aromatic compounds}		
15/302	. . . . {by natural substances obtained from animals or plants}		
15/303	. . . . {Plant extracts other than tobacco}		