

CPC COOPERATIVE PATENT CLASSIFICATION

A HUMAN NECESSITIES

FOODSTUFFS; TOBACCO

A24 TOBACCO; CIGARS; CIGARETTES; SMOKERS' REQUISITES

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.

1/00	Preparation of tobacco on the plantation (harvesters for tobacco A01D 45/16)	5/16	. Other treatment of stems or ribs, e.g. bending, chopping, incising (humidifying A24B 3/04)
1/02	. Arrangements in barns for preparatory treatment of the tobacco, e.g. with devices for drying	7/00	Cutting tobacco (hand cutting tools B26B ; slicing in general B26D 1/00, B26D 3/00)
1/04	. Sifting, sorting, cleaning or removing impurities from tobacco (purifying by sifting or sorting in general B07B)	7/02	. by machines with reciprocating knives
1/06	. Stringing tobacco leaves	7/04	. by machines with revolving knives
1/08	. Suspending devices for tobacco leaves	7/06	. . with two co-operating sets of knife discs
1/10	. Packing or pressing tobacco	7/08	. . with several knives which act one after the other
3/00	Preparing tobacco in the factory	7/10	. . . with cutter axes parallel to the feeding direction
3/02	. Humidifying packed raw tobacco (containers for packaging contents in moist condition B65D 81/22)	7/12	. . . with cutter axes transverse to the feeding direction
3/04	. Humidifying or drying tobacco bunches or cut tobacco (A24B 3/12 takes precedence)	7/14	. Feeding or control devices for tobacco-cutting apparatus
3/06	. Loosening tobacco leaves or cut tobacco (A24B 3/07 takes precedence)	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)
3/07	. Cutting or removing tie leaves; Cutting-off stem butts	11/00	Tobacco-twisting machines
3/08	. Blending tobacco	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)
3/10	. Roasting or cooling tobacco	13/02	. Flakes or shreds of tobacco
3/12	. Steaming, curing, or flavouring tobacco	15/00	Chemical features or treatment of tobacco; Tobacco substitutes (A24B 3/00 takes precedence)
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)	NOTE	
3/16	. Classifying or aligning leaves		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 .}
3/18	. Other treatment of leaves, e.g. puffing, crimpling, cleaning	15/10	. Chemical features of tobacco products or tobacco substitutes
3/182	. . {Puffing}	15/12	. . of reconstituted tobacco
3/185	. . . {by impregnating with a liquid and subsequently freezing and evaporating this liquid}	15/14	. . . made of tobacco and a binding agent not derived from tobacco
3/187	. . . {by electrical treatment}		
5/00	Stripping tobacco; Treatment of stems or ribs		
5/02	. by plucking out the stem		
5/04	. by cutting out the stem		
5/06	. by stripping leaf-parts from the stem		
5/08	. by cutting-off, shaving off, pressing flat the thick parts of stems or ribs		
5/10	. by crushing the leaves with subsequent separating		
5/12	. Auxiliary devices for stripping		
5/14	. Flattening machines for leaves or stems		

- 15/16 . . of tobacco substitutes
- WARNING**
- Group [A24B 15/16](#) is impacted by reclassification into group [A24B 15/167](#).
- Groups [A24B 15/16](#) and [A24B 15/167](#) should be considered in order to perform a complete search.
- 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 vaporizable form, e.g. liquid compositions for e-cigarettes}
- WARNING**
- Group [A24B 15/167](#) is incomplete pending reclassification of documentation from group [A24B 15/16](#).
- Groups [A24B 15/16](#) and [A24B 15/167](#) should be considered in order to perform a complete search.
- 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}
- 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)}