

**CPC****COOPERATIVE PATENT CLASSIFICATION****A24B****MANUFACTURE OR PREPARATION OF TOBACCO FOR SMOKING OR CHEWING; TOBACCO; SNUFF****A24B 1/00****Preparation of tobacco on the plantation** ([harvesters for tobacco A01D 45/16](#))

## A24B 1/02

- Arrangements in barns for preparatory treatment of the tobacco, e.g. with devices for drying

## A24B 1/04

- Sifting, sorting, cleaning or removing impurities from tobacco ([purifying by sifting or sorting in general B07B](#))

## A24B 1/06

- Stringing tobacco leaves

## A24B 1/08

- Suspending devices for tobacco leaves

## A24B 1/10

- Packing or pressing tobacco

**A24B 3/00****Preparing tobacco in the factory**

## A24B 3/02

- Humidifying packed raw tobacco ([containers for packaging contents in moist condition B65D 81/22](#))

## A24B 3/04

- Humidifying or drying tobacco bunches or cut tobacco ([A24B 3/12 takes precedence](#))

## A24B 3/06

- Loosening tobacco leaves or cut tobacco ([A24B 3/07 takes precedence](#))

## A24B 3/07

- Cutting or removing tie leaves; Cutting-off stem butts

## A24B 3/08

- Blending tobacco

## A24B 3/10

- Roasting or cooling tobacco

## A24B 3/12

- Steaming, curing, or flavouring tobacco

## A24B 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](#))

## A24B 3/16

- Classifying or aligning leaves

## A24B 3/18

- Other treatment of leaves, e.g. puffing, crimpling, cleaning

## A24B 3/182

- .. {Puffing}

## A24B 3/185

- ... {by impregnating with a liquid and subsequently freezing and evaporating this liquid}

## A24B 3/187

- ... {by electrical treatment}

**A24B 5/00****Stripping tobacco; Treatment of stems or ribs**

## A24B 5/02

- by plucking out the stem

## A24B 5/04

- by cutting out the stem

## A24B 5/06

- by stripping leaf-parts from the stem

## A24B 5/08

- by cutting-off, shaving off, pressing flat the thick parts of stems or ribs

## A24B 5/10

- by crushing the leaves with subsequent separating

## A24B 5/12

- Auxiliary devices for stripping

## A24B 5/14

- Flattening machines for leaves or stems

## A24B 5/16

- Other treatment of stems or ribs, e.g. bending, chopping, incising ([humidifying A24B 3/04](#))

<b>A24B 7/00</b>	<b>Cutting tobacco</b> (hand cutting tools <a href="#">B26B</a> ; slicing in general <a href="#">B26D 1/00</a> , <a href="#">B26D 3/00</a> )
<a href="#">A24B 7/02</a>	. by machines with reciprocating knives
<a href="#">A24B 7/04</a>	. by machines with revolving knives
<a href="#">A24B 7/06</a>	.. with two co-operating sets of knife discs
<a href="#">A24B 7/08</a>	.. with several knives which act one after the other
<a href="#">A24B 7/10</a>	... with cutter axes parallel to the feeding direction
<a href="#">A24B 7/12</a>	... with cutter axes transverse to the feeding direction
<a href="#">A24B 7/14</a>	. Feeding or regulating devices for tobacco-cutting apparatus
<b>A24B 9/00</b>	<b>Control of the moisture content of tobacco products, e.g. cigars, cigarettes, pipe tobacco</b> ({final drying of cigars <a href="#">A24C 1/383</a> , of cigarettes <a href="#">A24C 5/603</a> }; devices for use by the smoker for controlling the moisture content of tobacco products <a href="#">A24F 25/00</a> )
<b>A24B 11/00</b>	<b>Tobacco-twisting machines</b>
<b>A24B 13/00</b>	<b>Tobacco for pipes, for cigars, e.g. cigar inserts, or for cigarettes; Chewing tobacco; Snuff</b> (mechanical treatment <a href="#">A24B 3/00</a> to <a href="#">A24B 11/00</a> ; reconstituted tobacco products <a href="#">A24B 3/14</a> ; chemical features or treatment of tobacco <a href="#">A24B 15/00</a> )
<a href="#">A24B 13/02</a>	. Flakes or shreds of tobacco
<b>A24B 15/00</b>	<b>Chemical features or treatment of tobacco; Tobacco substitutes</b> ( <a href="#">A24B 3/00</a> takes precedence)
<a href="#">A24B 15/10</a>	. Chemical features of tobacco products or tobacco substitutes
<a href="#">A24B 15/12</a>	.. of reconstituted tobacco
<a href="#">A24B 15/14</a>	... made of tobacco and a binding agent not derived from tobacco
<a href="#">A24B 15/16</a>	.. of tobacco substitutes
<a href="#">A24B 15/165</a>	... {comprising as heat source a carbon fuel or an oxydized or thermally degraded carbonaceous fuel, e.g. carbohydrates, cellulosic material}
<a href="#">A24B 15/18</a>	. Treatment of tobacco products or tobacco substitutes
<a href="#">A24B 15/183</a>	.. {sterilization, preservation or biological decontamination}
<a href="#">A24B 15/186</a>	.. {by coating with a coating composition, encapsulation of tobacco particles (encapsulation of additives other than tobacco : <a href="#">A24B 15/283</a> )}
<a href="#">A24B 15/20</a>	.. Biochemical treatment
<a href="#">A24B 15/22</a>	.. by application of electric or wave energy or particle radiation
<a href="#">A24B 15/24</a>	.. by extraction; Tobacco extracts
<a href="#">A24B 15/241</a>	... {Extraction of specific substances}
<a href="#">A24B 15/243</a>	.... {Nicotine}
<a href="#">A24B 15/245</a>	.... {Nitrosamines}
<a href="#">A24B 15/246</a>	.... {Polycyclic aromatic compounds}
<a href="#">A24B 15/248</a>	.... {Heavy metals}
<a href="#">A24B 15/26</a>	... Use of organic solvents for extraction

A24B 15/28	..	by chemical substances
A24B 15/281	...	{the action of the chemical substances being delayed}
A24B 15/282	....	{by indirect addition of the chemical substances, e.g. in the wrapper, in the case}
A24B 15/283	....	{by encapsulation of the chemical substances}

**NOTE**

In groups [A24B 15/30](#) to [A24B 15/42](#), in the absence of an indication to the contrary, classification is made in the last appropriate place for a substance

A24B 15/284	.....	{the additive being bound to a host by chemical, electrical or like forces, e.g. use of precursors, inclusion complexes}
A24B 15/285	...	{characterised by structural features, e.g. particle shape or size}
A24B 15/286	....	{Nanoparticles}
A24B 15/287	...	{by inorganic substances only}
A24B 15/288	....	{Catalysts or catalytic material, e.g. included in the wrapping material}
A24B 15/30	...	by organic substances {( <a href="#">A24B 15/281</a> takes precedence)}
A24B 15/301	....	{by aromatic compounds}
A24B 15/302	....	{by natural substances obtained from animals or plants}
A24B 15/303	.....	{Plant extracts other than tobacco}
A24B 15/305	....	{of undetermined constitution characterised by their preparation}
A24B 15/306	.....	{one reactant being an amino acid or a protein, e.g. Maillard's reaction ( <a href="#">A24B 15/307</a> takes precedence)}
A24B 15/307	.....	{using micro-organisms or enzymes as catalysts}
A24B 15/308	....	{vitamins}
A24B 15/32	....	by acyclic compounds
A24B 15/34	....	containing a carbocyclic ring other than a six-membered aromatic ring
A24B 15/345	.....	{containing condensed rings}
A24B 15/36	....	containing a heterocyclic ring
A24B 15/365	.....	{having nitrogen and sulfur as hetero atoms in the same ring}
A24B 15/38	.....	having only nitrogen as hetero atom
A24B 15/385	.....	{in a five-membered ring}
A24B 15/40	.....	having only oxygen or sulfur as hetero atoms
A24B 15/403	.....	{having only oxygen as hetero atoms}
A24B 15/406	.....	{in a five-membered ring}
A24B 15/42	...	by organic and inorganic substances {( <a href="#">A24B 15/281</a> takes precedence)}