

A24 TOBACCO; CIGARS; CIGARETTES; SMOKERS' REQUISITES

A24C MACHINES FOR MAKING CIGARS OR CIGARETTES

Making cigars

1/00 Elements of cigar manufacture (combinations of two or more elements of cigar manufacture A24C 3/00; attaching or incorporating filters or mouthpieces A24C 5/47, A24C 5/52; cutting machines in general B26D)

- 1/02 . Tobacco-feeding devices with or without means for dividing the tobacco into measured quantities
- 1/04 . Devices for cutting cigar binders or wrappers
- 1/08 . Making tobacco bunches
- 1/10 . . Bunch-making machines with aprons and tables for wrapping
- 1/12 . . Bunch-making machines with wrapping rollers
- 1/14 . . Bunch-making machines with grippers
- 1/16 . Treating bunches
- 1/18 . . Moulds or presses for cigar bunches
- 1/20 . . . Rotating moulds for cigar bunches
- 1/22 . . Rolling formed bunches
- 1/24 . . Cutting bunches to length
- 1/26 . Applying the wrapper
- 1/28 . . Wrapper transferring mechanisms
- 1/30 . . Devices for applying the wrapper to the bunch
- 1/32 . . Devices for forming the tips of cigars (filter tips, mouthpieces A24D 3/00)
- 1/34 . . Adhesive-applying means
- 1/36 . . Cutting wrapped bunches to length
- 1/38 . Final treatment of cigars, e.g. sorting (drying cigars A24B 9/00)
- 1/40 . . Delustering or powdering cigars
- 1/42 . . Marking, printing, or decorating cigars
- 1/44 . . Bundling and pressing devices for cigars

3/00 Complete manufacture of cigars; Combinations of two or more elements of cigar manufacture

5/00 Making cigarettes; Making tipping materials for, or attaching filters or mouthpieces to, cigars or cigarettes [3]

- 5/02 . Cigarette-filling machines
- 5/04 . . with continuous rod (A24C 5/14 takes precedence)
- 5/06 . . with pressing-chamber
- 5/08 . Machines with aprons and tables for wrapping
- 5/10 . Machines with wrapping rollers
- 5/12 . Cutting the ends of filled and rolled cigarettes
- 5/14 . Machines of the continuous-rod type (tobacco feeding devices A24C 5/39)
- 5/18 . . Forming the rod
- 5/20 . . Reels; Supports for bobbins; Other accessories
- 5/22 . . Creasing the paper seam
- 5/24 . . Pasting the seam
- 5/26 . . Drying the seam
- 5/28 . . Cutting-off the tobacco rod

- 5/30 . . . Machines combined with devices for grinding the knives
- 5/31 . . with special arrangements coming into operation during starting, slowing-down, or breakdown of the machine, e.g. for diverting or breaking the continuous rod
- 5/32 . Separating, ordering, counting, or examining cigarettes (in relation to packaging B65B 19/00); Regulating the feeding of tobacco according to rod or cigarette condition (investigating or analysing materials by determining their chemical or physical properties G01N; controlling in general G05)
- 5/33 . . Catching or ordering devices
- 5/34 . . Examining cigarettes or the rod, e.g. for regulating the feeding of tobacco; Removing defective cigarettes
- 5/343 . . . by mechanical means, e.g. feelers
- 5/345 . . . Removing defective cigarettes (A24C 5/31 takes precedence)
- 5/35 . Adaptations of conveying apparatus for transporting cigarettes from making machine to packaging machine
- 5/352 . . using containers, i.e. boats
- 5/354 . . . Filling the boats at the making machine
- 5/356 . . . Emptying the boats into the hopper of the packaging machine (hopper construction B65B 19/04)
- 5/358 . . . Boat constructions
- 5/36 . Removing papers or other parts from defective cigarettes
- 5/38 . Machines combined with printing devices
- 5/39 . Tobacco feeding devices (regulating feed according to rod or cigarette condition A24C 5/34)
- 5/40 . Hand-driven apparatus for making cigarettes
- 5/42 . . Pocket cigarette-fillers
- 5/44 . . Pocket cigarette-rollers
- 5/46 . Making paper tubes for cigarettes (making paper tubes in general B31C)
- 5/47 . Attaching filters or mouthpieces to cigars or cigarettes, e.g. inserting filters into cigarettes or their mouthpieces (A24C 5/52 takes precedence; filters, their manufacture, mouthpieces A24D 3/00) [3]
- 5/52 . Incorporating filters or mouthpieces into a cigarette rod or a tobacco rod (filters, their manufacture, mouthpieces A24D 3/00)
- 5/54 . Folding the ends of cigarette paper tubes after filling them with tobacco
- 5/56 . Making tipping materials, e.g. sheet cork for mouthpieces of cigars or cigarettes, by mechanical means (chemical part of making tipping material C08; wrapping papers for cigarettes D21H)
- 5/58 . . Applying the tipping materials
- 5/60 . Final treatment of cigarettes, e.g. marking, printing, branding, decorating