

## SECTION A — HUMAN NECESSITIES

## 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**
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- 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

**A24C**

- 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