

ECLA EUROPEAN CLASSIFICATION

A24C MACHINES FOR MAKING CIGARS OR CIGARETTES

Guide heading: Making cigars

- A24C1/00** **Elements of cigar manufacture** (combinations of two or more elements of cigar manufacture [A24C3/00](#); attaching or incorporating filters or mouthpieces [A24C5/47](#), [A24C5/52](#); cutting machines in general [B26D](#))
- [A24C1/02](#) . Tobacco-feeding devices with or without means for dividing the tobacco into measured quantities
- [A24C1/04](#) . Devices for cutting cigar binders or wrappers
- [A24C1/04A](#) . . [N: Safety devices therefor]
- [A24C1/08](#) . Making tobacco bunches
- [A24C1/10](#) . . Bunch-making machines with aprons and tables for wrapping
- [A24C1/12](#) . . Bunch-making machines with wrapping rollers
- [A24C1/14](#) . . Bunch-making machines with grippers
- [A24C1/16](#) . Treating bunches
- [A24C1/18](#) . . Moulds or presses for cigar bunches
- [A24C1/20](#) . . . Rotating moulds for cigar bunches
- [A24C1/22](#) . . Rolling formed bunches
- [A24C1/24](#) . . Cutting bunches to length
- [A24C1/26](#) . Applying the wrapper
- [A24C1/28](#) . . Wrapper transferring mechanisms
- [A24C1/30](#) . . Devices for applying the wrapper to the bunch
- [A24C1/32](#) . . Devices for forming the tips of cigars (filter-tips, mouthpieces [A24D3/00](#))
- [A24C1/34](#) . . Adhesive-applying means
- [A24C1/36](#) . . Cutting wrapped bunches to length
- [A24C1/38](#) . Final treatment of cigars, e.g. sorting
- [A24C1/38D](#) . . [N: Final drying of cigars]
- [A24C1/38P](#) . . [N: Perforating cigars]
- [A24C1/40](#) . . Delustering or powdering cigars
- [A24C1/42](#) . . Marking, printing, or decorating cigars
- [A24C1/44](#) . . Bundling and pressing devices for cigars
- A24C3/00** **Complete manufacture of cigars; Combinations of two or more elements of cigar manufacture**
- A24C5/00** **Making cigarettes; Making tipping materials for, or attaching filters or mouthpieces**

to, cigars or cigarettes

- A24C5/00F . [N: Feeding arrangements for individual paper wrappers] [N9412]
- A24C5/00P . [N: Treatment of cigarette paper] [N9412]
- A24C5/00P2 . . [N: Perforating] [N9412]
- A24C5/02 . Cigarette-filling machines
- A24C5/04 . . with continuous rod ([A24C5/14](#) takes precedence)
- A24C5/06 . . with pressing-chamber
- A24C5/08 . Machines with aprons and tables for wrapping
- A24C5/10 . Machines with wrapping rollers
- A24C5/12 . Cutting the ends of filled and rolled cigarettes
- A24C5/14 . Machines of the continuous-rod type ([tobacco feeding devices A24C5/39](#))
- A24C5/18 . . Forming the rod
- A24C5/18B . . . [N: with compressing means, e.g. garniture]
- A24C5/18C . . . [N: containing parts of different densities, e.g. dense ends]
- A24C5/18D . . . [N: containing different tobacco mixtures, e.g. composite rods]
- A24C5/18E . . . [N: by cutting tobacco sheet material]
- A24C5/18F . . . [N: Multiple rod making devices]
- A24C5/18G . . . [N: Trimming devices]
- A24C5/18K . . . [N: Separating devices, e.g. winnowing, removing impurities]
- A24C5/18L . . . [N: Belt construction or driving means]
- A24C5/18M . . . [N: Conditioning means, e.g. drying]
- A24C5/18N . . . [N: Devices for regulating the tobacco quantity]
- A24C5/18R . . . [N: for oval cigarettes]
- A24C5/18S . . . [N: for cigarettes with an axial air duct]
- A24C5/18T . . . [N: with additives, e.g. binding agent, flavorants]
- A24C5/20 . . Reels; Supports for bobbins; Other accessories
- A24C5/22 . . Creasing the paper seam
- A24C5/24 . . Pasting the seam
- A24C5/26 . . Drying the seam
- A24C5/28 . . Cutting-off the tobacco rod
- A24C5/30 . . . Machines combined with devices for grinding the knives
- A24C5/31 . . with special arrangements coming into operation during starting, slowing-down or breakdown of the machine, e.g. for diverting or breaking the continuous rod
- A24C5/32 . Separating, ordering, counting, or examining cigarettes ([in relation to packaging B65B19/00](#)); 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](#))

- A24C5/32C . . [N: Counting means]
- A24C5/32T . . [N: Transporting cigarettes during manufacturing]
- A24C5/32T2 . . . [N: pneumatically]
- A24C5/32T3 . . . [N: from a hopper]
- A24C5/32T4 . . . [N: with lateral transferring means]
- A24C5/32T5 . . . [N: Construction details of the cigarette transport drum]
- A24C5/32T6 . . . [N: Controlling means]
- A24C5/33 . . Catching or ordering devices
- A24C5/33M . . . [N: for combining several rows into one]
- A24C5/33T . . . [N: Turning means]
- A24C5/34 . . Examining cigarettes or the rod, e.g. for regulating the feeding of tobacco;
Removing defective cigarettes
- A24C5/34A . . . [N: Controlling cigarette combustion]
- A24C5/34B . . . [N: by means of light, radiation or electrostatic fields ([A24C5/34A](#) takes precedence)]
- A24C5/34C . . . [N: by pneumatic means ([A24C5/34A](#) takes precedence)]
- A24C5/34D . . . [N: by weighing ([A24C5/34A](#) takes precedence)]
- A24C5/343 . . . by mechanical means, e.g. feelers
- A24C5/345 . . . Removing defective cigarettes ([A24C5/31](#) takes precedence)

- A24C5/35 . . Adaptations of conveying apparatus for transporting cigarettes from making machine to packaging machine
- A24C5/352 . . Using containers, i.e. boats
- A24C5/354 . . . Filling the boats at the making machine
- A24C5/356 . . . Emptying the boats into the hopper of the packaging machine ([hopper construction B65B19/04](#))
- A24C5/358 . . . Boat constructions

- A24C5/36 . . Removing papers or other parts from defective cigarettes

- A24C5/38 . . Machines combined with printing devices

- A24C5/39 . . Tobacco feeding devices ([regulating feed according to rod or cigarette condition A24C5/34](#))
- A24C5/39C . . [N: feeding to several cigarette making machines]
- A24C5/39D . . [N: feeding pneumatically]
- A24C5/39F . . [N: with a vibrating conveyer]
- A24C5/39G . . [N: with an auxiliary feed unit]
- A24C5/39H . . [N: with arrangements in the hopper, e.g. for spreading, tamping]
- A24C5/39K . . [N: with separating means, e.g. winnowing, removing impurities]
- A24C5/39N . . [N: with means for regulating the tobacco quantity]
- A24C5/39S . . [N: Driving arrangements]
- A24C5/39T . . [N: Component parts or details, e.g. feed roller, feed belt]

- A24C5/40 . . Hand-driven apparatus for making cigarettes

- A24C5/42 . . Pocket cigarette-fillers
- A24C5/42L . . . [N: for obtaining cigarettes of various lengths]
- A24C5/44 . . Pocket cigarette-rollers
- A24C5/46 . Making paper tubes for cigarettes (making paper tubes in general [B31C](#))
- A24C5/46F . . [N: the paper tubes partially containing a filter element]
- A24C5/47 . Attaching filters or mouthpieces to cigars or cigarettes, e.g. inserting filters into cigarettes or their mouthpieces ([A24C5/52](#) takes precedence; filters, their manufacture, mouthpieces [A24D3/00](#))
- A24C5/47A . . [N: by means of a connecting band]
- A24C5/47A2 . . . [N: Applying adhesives to the connecting band]
- A24C5/47A3 . . . [N: Cutting the connecting band]
- A24C5/47B . . [N: by inserting filters into cigarettes or their mouthpieces]
- A24C5/47C . . [N: adapted for composite filters]
- A24C5/47D . . [N: adapted for cigars or cigarettes with a hollow mouthpiece, e.g. recess filter cigarettes]
- A24C5/47D2 . . . [N: with a mouthpiece made from plastic, wood or the like]
- A24C5/47T . . [N: Transport means for filter- or cigarette-rods in view of their assembling]
- A24C5/52 . Incorporating filters or mouthpieces into a cigarette rod or a tobacco rod (filters, their manufacture, mouthpieces [A24D3/00](#))
- A24C5/54 . Folding the ends of cigarette paper tubes after filling them with tobacco
- A24C5/56 . 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](#))
- A24C5/56B . . [N: by treating the tipping material with a liquid or viscous solution, e.g. paraffine (final treatment [A24C5/60T](#))]
- A24C5/58 . . Applying the tipping materials
- A24C5/58B . . . [N: to a continuous web of cigarette paper]
- A24C5/58C . . . [N: to a cigarette]
- A24C5/60 . Final treatment of cigarettes, e.g. marking, printing, branding, decorating
- A24C5/60B . . [N: Marking, printing or decorating cigarettes]
- A24C5/60B2 . . . [N: Bronzing]
- A24C5/60D . . [N: Final drying of cigarettes]
- A24C5/60F . . [N: Pressing of cigarettes, e.g. for obtaining an oval form]
- A24C5/60P . . [N: Perforating cigarettes]
- A24C5/60P2 . . . [N: by mechanical means]
- A24C5/60T . . [N: Treating cigarettes with a liquid or viscous solution]