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
1/045 . . [Safety devices therefor]
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
1/383 . . . [Final drying of cigars]
1/386 . . . [Perforating cigars]
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

5/002 . . . [Feeding arrangements for individual paper wrappers]
5/005 . . . [Treatment of cigarette paper]
5/007 . . . [Perforating]
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
5/1807 . . . [with compressing means, e.g. garniture]
5/1814 . . . [containing parts of different densities, e.g. dense ends]
5/1821 . . . [containing different tobacco mixtures, e.g. composite rods]
5/1828 . . . [by cutting tobacco sheet material]
5/1835 . . . [Multiple rod making devices]
5/1842 . . . [Trimming devices]
5/185 . . . . [Separating devices, e.g. winnowing, removing impurities]
5/1857 . . . . [Belt construction or driving means]
5/1864 . . . . [Conditioning means, e.g. drying]
5/1871 . . . . [Devices for regulating the tobacco quantity]
5/1878 . . . . [for oval cigarettes]
5/1885 . . . . [for cigarettes with an axial air duct]
5/1892 . . . . [with additives, e.g. binding agent, flavorants]
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)
5/321 . . . . [Counting means]
5/322 . . . . [Transporting cigarettes during manufacturing]
5/323 . . . . . . [pneumatically]
5/325 . . . . . . . [from a hopper]
Making cigars

5/326 . . . [with lateral transferring means]
5/327 . . . [Construction details of the cigarette transport drum]
5/328 . . . [Controlling means]
5/33 . . . Catching or ordering devices
5/333 . . . [for combining several rows into one]
5/336 . . . [Turning means]
5/34 . . . Examining cigarettes or the rod, e.g. for regulating the feeding of tobacco; Removing defective cigarettes
5/3406 . . . [Controlling cigarette combustion]
5/3412 . . . [by means of light, radiation or electrostatic fields (A24C 5/3406 takes precedence)]
5/3418 . . . [by pneumatic means (A24C 5/3406 takes precedence)]
5/3424 . . . [by weighing (A24C 5/3406 takes precedence)]
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)
5/391 . . . [feeding to several cigarette making machines]
5/392 . . . [feeding pneumatically]
5/393 . . . [with a vibrating conveyor]
5/394 . . . [with an auxiliary feed unit]
5/395 . . . [with arrangements in the hopper, e.g. for spreading, tamping]
5/396 . . . [with separating means, e.g. winnowing, removing impurities]
5/397 . . . [with means for regulating the tobacco quantity]
5/398 . . . [Driving arrangements]
5/399 . . . [Component parts or details, e.g. feed roller, feed belt]
5/40 . . . Hand-driven apparatus for making cigarettes
5/42 . . . Pocket cigarette-fillers
5/425 . . . [for obtaining cigarettes of various lengths]
5/44 . . . Pocket cigarette-rollers
5/46 . . . Making paper tubes for cigarettes (making paper tubes in general B31C)
5/465 . . . [the paper tubes partially containing a filter element]
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)
5/471 . . . [by means of a connecting band]
5/472 . . . [Applying adhesives to the connecting band]
5/473 . . . [Cutting the connecting band]
5/474 . . . [by inserting filters into cigarettes or their mouthpieces]