A24D  CIGARS; CIGARETTES; TOBACCO SMOKE FILTERS; MOUTHPIECES FOR CIGARS OR CIGARETTES; MANUFACTURE OF TOBACCO SMOKE FILTERS OR MOUTHPIECES

WARNING
In this subclass non-limiting references (in the sense of paragraph 39 of the Guide to the IPC) may still be displayed in the scheme.

1/00  Cigars; Cigarettes

WARNING
Group A24D 1/00 is impacted by reclassification into groups A24D 1/20 and A24D 1/22.
Groups A24D 1/00, A24D 1/20, and A24D 1/22 should be considered in order to perform a complete search.

1/02  . with additives, e.g. for flavouring (preparing tobacco, e.g. flavouring, A24B)
1/04  . with a filter located between tobacco rods
1/06  . (with reinforced extremities)
1/08  . (dividable)
1/02  . with special covers
1/022  . . (Papers for roll-your-own cigarettes (paper in general D21H))
1/025  . . (the covers having material applied to defined areas, e.g. bands for reducing the ignition propensity)
1/027  . . (with ventilating means, e.g. perforations)
1/04  . with mouthpieces or filter-tips (mouthpieces, filter-tips per se A24D 3/00)
1/042  . . (with mouthpieces [A24D 1/047 takes precedence; mouthpieces per se A24D 3/18])
1/045  . . (with smoke filter means [A24D 1/047 takes precedence])
1/047  . . (extensible)
1/08  . with lighting means (pyrophoric compositions C06C 15/00; lighters per se F23Q)
1/10  . with extinguishers
1/12  . with ash-retaining attachments, holders, or other equipment
1/14  . Tobacco cartridges for pipes

WARNING
Group A24D 1/14 is impacted by reclassification into group A24D 1/20.
Groups A24D 1/14 and A24D 1/20 should be considered in order to perform a complete search.

1/16  . Bands for cigars or cigarettes (machines for applying bands B65C)
1/18  . Selection of materials, other than tobacco, suitable for smoking
1/20  . Cigarettes specially adapted for simulated smoking devices

WARNING
Group A24D 1/20 is incomplete pending reclassification of documents from groups A24D 1/00 and A24D 1/14.
Groups A24D 1/00, A24D 1/14, and A24D 1/20 should be considered in order to perform a complete search.

1/22  . Cigarettes with integrated combustible heat sources, e.g. with carbonaceous heat sources

WARNING
Group A24D 1/22 is incomplete pending reclassification of documents from groups A24D 1/00, A24F 47/004, A24F 47/006, and A24F 47/008.
All groups listed in this Warning should be considered in order to perform a complete search.

3/00  Tobacco smoke filters, e.g. filter-tips, filtering inserts; Filters specially adapted for simulated smoking devices; Mouthpieces for cigars or cigarettes (for pipes, for cigar or cigarette holders A24F 7/00)

3/02  . Manufacture of tobacco smoke filters (manufacture of paper or cellulosic materials for filters D21)
3/0204  . . (Preliminary operations before the filter rod forming process, e.g. crimping, blooming [A24D 3/0275 takes precedence])
3/0208  . . . [Cutting filter materials]
3/0212  . . . [Applying additives to filter materials]
3/0216  . . . . [the additive being in the form of capsules, beads or the like]
3/022  . . . . [with liquid additives, e.g. application of plasticisers]
A24D

3/0225 . . . (with solid additives, e.g. incorporation of a granular product (A24D 3/0216 takes precedence))

3/0229 . . . (Filter rod forming processes (A24D 3/0275 takes precedence))

3/0233 . . . (by means of a garniture)

3/0237 . . . (by extrusion)

3/0241 . . . (by compacting particulated materials)

3/0245 . . . (by winding, e.g. spirally)

3/025 . . . (Filter rods forming processes (A24D 3/0275 takes precedence))

3/0254 . . . (Cutting means)

3/0258 . . . (Means for making grooves)

3/0262 . . . (Filter extremity shaping and compacting means)

3/0266 . . . (Rolling means)

3/027 . . . (Multiple line manufacturing devices)

3/0275 . . . (for filters with special features)

3/0279 . . . (with tubes)

3/0283 . . . (with means for a non-axial smoke flow)

3/0287 . . . (for composite filters)

3/0291 . . . (for hollow tipped filters, e.g. recess filters)

3/0295 . . . (Process control means)

3/04 . . . Tobacco smoke filters characterised by their shape or structure

WARNING


All groups listed in this Warning should be considered in order to perform a complete search.

3/041 . . . (with adjustable means for modifying the degree of filtration of the filter)

3/043 . . . (with ventilation means, e.g. air dilution (A24D 3/041 takes precedence))

3/045 . . . (with smoke acceleration means, e.g. impact-filters)

3/046 . . . (with electrical or magnetic filtering means)

3/048 . . . (containing additives)

3/06 . . . Use of materials for tobacco smoke filters

3/061 . . . (containing additives entrapped within capsules, sponge-like material or the like, for further release upon smoking (constructional aspects of the filter A24D 3/048))

3/062 . . . (characterised by structural features)

3/063 . . . (of the fibers)

3/064 . . . (having non-circular cross-section)

3/065 . . . (with sheath/core of bi-component type structure)

3/066 . . . (in the form of foam or having cellular structure)

3/067 . . . (characterised by functional properties)

3/068 . . . (Biodegradable or disintegrable)

3/08 . . . (of organic materials as carrier or major constituent (of ion exchange materials A24D 3/12))

3/10 . . . (of cellulose or cellulose derivatives)

3/12 . . . (of ion exchange materials)

3/14 . . . (of organic materials as additive (of ion exchange materials A24D 3/12))

WARNING


All groups listed in this Warning should be considered in order to perform a complete search.

3/18 . . . Mouthpieces for cigars or cigarettes; Manufacture thereof (A24D 3/02 takes precedence; making tipping materials for, or attaching them to mouthpieces of, cigars or cigarettes A24C 5/56; producing cigar or cigarette holders from plastics or from substances in a plastic state B29D 23/14; manufacture from metal, see the relevant subclasses of Section B)

3/185 . . . (with a straw-like insert, e.g. Virginia cigars)