

CPC COOPERATIVE PATENT CLASSIFICATION

A HUMAN NECESSITIES

FOODSTUFFS; TOBACCO

A24 TOBACCO; CIGARS; CIGARETTES; SMOKERS' REQUISITES

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.

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| 1/00 | Cigars; Cigarettes | 3/022 | {with liquid additives, e.g. application of plasticisers} |
| 1/002 | . {with additives, e.g. for flavouring (preparing tobacco, e.g. flavouring, A24B)} | 3/0225 | {with solid additives, e.g. incorporation of a granular product (A24D 3/0216 takes precedence)} |
| 1/004 | . {with a filter located between tobacco rods} | 3/0229 | . . {Filter rod forming processes (A24D 3/0275 takes precedence)} |
| 1/006 | . {with reinforced extremities} | 3/0233 | . . . {by means of a garniture} |
| 1/008 | . {dividable} | 3/0237 | . . . {by extrusion} |
| 1/02 | . with special covers | 3/0241 | . . . {by compacting particulated materials} |
| 1/022 | . . {Papers for roll-your-own cigarettes (paper in general D21H)} | 3/0245 | . . . {by winding, e.g. spirally} |
| 1/025 | . . {the covers having material applied to defined areas, e.g. bands for reducing the ignition propensity} | 3/025 | . . {Final operations, i.e. after the filter rod forming process (A24D 3/0275 takes precedence)} |
| 1/027 | . . {with ventilating means, e.g. perforations} | 3/0254 | . . . {Cutting means} |
| 1/04 | . with mouthpieces or filter-tips (mouthpieces, filter-tips per se A24D 3/00) | 3/0258 | . . . {Means for making grooves} |
| 1/042 | . . {with mouthpieces (A24D 1/047 takes precedence; mouthpieces per se A24D 3/18)} | 3/0262 | . . . {Filter extremity shaping and compacting means} |
| 1/045 | . . {with smoke filter means (A24D 1/047 takes precedence)} | 3/0266 | . . . {Rolling means} |
| 1/047 | . . {extensible} | 3/027 | . . {Multiple line manufacturing devices} |
| 1/08 | . with lighting means (pyrophoric compositions C06C 15/00; lighters per se F23Q) | 3/0275 | . . {for filters with special features} |
| 1/10 | . with extinguishers | 3/0279 | . . . {with tubes} |
| 1/12 | . with ash-retaining attachments, holders, or other equipment | 3/0283 | . . . {with means for a non-axial smoke flow} |
| 1/14 | . Tobacco cartridges for pipes | 3/0287 | . . . {for composite filters} |
| 1/16 | . Bands for cigars or cigarettes (machines for applying bands B65C) | 3/0291 | . . . {for hollow tipped filters, e.g. recess filters} |
| 1/18 | . Selection of materials, other than tobacco, suitable for smoking | 3/0295 | . . {Process control means} |
| 3/00 | Tobacco smoke filters, e.g. filter-tips, filtering inserts (filters in general B01D); Mouthpieces for cigars or cigarettes (for pipes, for cigar or cigarette holders A24F 7/00) | 3/04 | . Tobacco smoke filters characterised by their shape or structure |
| 3/02 | . Manufacture of tobacco smoke filters (manufacture of paper or cellulosic materials for filters D21) | 3/041 | . . {with adjustable means for modifying the degree of filtration of the filter} |
| 3/0204 | . . {Preliminary operations before the filter rod forming process, e.g. crimping, blooming (A24D 3/0275 takes precedence)} | 3/043 | . . {with ventilation means, e.g. air dilution (A24D 3/041 takes precedence)} |
| 3/0208 | . . . {Cutting filter materials} | 3/045 | . . {with smoke acceleration means, e.g. impact-filters} |
| 3/0212 | . . . {Applying additives to filter materials} | 3/046 | . . {with electrical or magnetical filtering means} |
| 3/0216 | {the additive being in the form of capsules, beads or the like} | 3/048 | . . {containing additives (additive composition A24D 3/061)} |
| | | 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} |

A24D

- 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](#))
- 3/145 . . . {Microbial metabolite, e.g. enzyme}
- 3/16 . . of inorganic materials
- 3/163 . . . {Carbon}
- 3/166 . . . {Silicic acid or silicates}
- 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}