

CPC COOPERATIVE PATENT CLASSIFICATION

A HUMAN NECESSITIES

FOODSTUFFS; TOBACCO

A24 TOBACCO; CIGARS; CIGARETTES; SIMULATED SMOKING DEVICES; SMOKERS' REQUISITES

(NOTE omitted)

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

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| 1/00 | Cigars; Cigarettes | 3/0225 | {with solid additives, e.g. incorporation of a granular product (A24D 3/0216 takes precedence)} |
| 1/002 | . {with additives, e.g. for flavouring} | 3/0229 | . . {Filter rod forming processes (A24D 3/0275 takes precedence)} |
| 1/004 | . {with a filter located between tobacco rods} | 3/0233 | . . . {by means of a garniture} |
| 1/006 | . {with reinforced extremities} | 3/0237 | . . . {by extrusion} |
| 1/008 | . {dividable} | 3/0241 | . . . {by compacting particulated materials} |
| 1/02 | . with special covers | 3/0245 | . . . {by winding, e.g. spirally} |
| 1/022 | . . {Papers for roll-your-own cigarettes} | 3/025 | . . {Final operations, i.e. after the filter rod forming process (A24D 3/0275 takes precedence)} |
| 1/025 | . . {the covers having material applied to defined areas, e.g. bands for reducing the ignition propensity} | 3/0254 | . . . {Cutting means} |
| 1/027 | . . {with ventilating means, e.g. perforations} | 3/0258 | . . . {Means for making grooves} |
| 1/04 | . with mouthpieces or filter-tips | 3/0262 | . . . {Filter extremity shaping and compacting means} |
| 1/042 | . . {with mouthpieces (A24D 1/047 takes precedence)} | 3/0266 | . . . {Rolling means} |
| 1/045 | . . {with smoke filter means (A24D 1/047 takes precedence)} | 3/027 | . . {Multiple line manufacturing devices} |
| 1/047 | . . {extensible} | 3/0275 | . . {for filters with special features} |
| 1/08 | . with lighting means | 3/0279 | . . . {with tubes} |
| 1/10 | . with extinguishers | 3/0283 | . . . {with means for a non-axial smoke flow} |
| 1/12 | . with ash-retaining attachments, holders, or other equipment | 3/0287 | . . . {for composite filters} |
| 1/14 | . Tobacco cartridges for pipes | 3/0291 | . . . {for hollow tipped filters, e.g. recess filters} |
| 1/16 | . Bands for cigars or cigarettes | 3/0295 | . . {Process control means} |
| 1/18 | . Selection of materials, other than tobacco, suitable for smoking | 3/04 | . Tobacco smoke filters characterised by their shape or structure |
| 1/20 | . Cigarettes specially adapted for simulated smoking devices | 3/041 | . . {with adjustable means for modifying the degree of filtration of the filter} |
| 1/22 | . Cigarettes with integrated combustible heat sources, e.g. with carbonaceous heat sources | 3/043 | . . {with ventilation means, e.g. air dilution (A24D 3/041 takes precedence)} |
| 3/00 | Tobacco smoke filters, e.g. filter tips or filtering inserts; Filters specially adapted for simulated smoking devices; Mouthpieces of cigars or cigarettes | 3/045 | . . {with smoke acceleration means, e.g. impact-filters} |
| 3/02 | . Manufacture of tobacco smoke filters | 3/046 | . . {with electrical or magnetical filtering means} |
| 3/0204 | . . {Preliminary operations before the filter rod forming process, e.g. crimping, blooming (A24D 3/0275 takes precedence)} | 3/048 | . . {containing additives} |
| 3/0208 | . . . {Cutting filter materials} | 3/06 | . Use of materials for tobacco smoke filters |
| 3/0212 | . . . {Applying additives to filter materials} | 3/061 | . . {containing additives entrapped within capsules, sponge-like material or the like, for further release upon smoking} |
| 3/0216 | {the additive being in the form of capsules, beads or the like} | 3/062 | . . {characterised by structural features} |
| 3/022 | {with liquid additives, e.g. application of plasticisers} | 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} |

A24D

- 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}
- 3/17 . Filters specially adapted for simulated smoking devices
- 3/18 . Mouthpieces of cigars or cigarettes; Manufacture thereof (manufacture of tobacco smoke filters [A24D 3/02](#))
- 3/185 . . {with a straw-like insert, e.g. Virginia cigars}