

# 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 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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|-------------|--|--------|---|
| <b>1/00</b> | <b>Cigars; Cigarettes</b>  | 3/0204 | . . {Preliminary operations before the filter rod forming process, e.g. crimping, blooming ( <a href="#">A24D 3/0275</a> takes precedence)} |
| 1/002       | . {with additives, e.g. for flavouring ( <a href="#">preparing tobacco, e.g. flavouring, A24B</a> )}   | 3/0208 | . . . {Cutting filter materials}  |
| 1/004       | . {with a filter located between tobacco rods}   | 3/0212 | . . . {Applying additives to filter materials}  |
| 1/006       | . {with reinforced extremities}  | 3/0216 | . . . . {the additive being in the form of capsules, beads or the like}   |
| 1/008       | . {dividable}  | 3/022  | . . . . {with liquid additives, e.g. application of plasticisers}   |
| 1/02        | . with special covers  | 3/0225 | . . . . {with solid additives, e.g. incorporation of a granular product ( <a href="#">A24D 3/0216</a> takes precedence)}                    |
| 1/022       | . . {Papers for roll-your-own cigarettes ( <a href="#">paper in general D21H</a> )}  | 3/0229 | . . {Filter rod forming processes ( <a href="#">A24D 3/0275</a> takes precedence)}  |
| 1/025       | . . {the covers having material applied to defined areas, e.g. bands for reducing the ignition propensity}   | 3/0233 | . . . {by means of a garniture}   |
| 1/027       | . . {with ventilating means, e.g. perforations}  | 3/0237 | . . . {by extrusion}  |
| 1/04        | . with mouthpieces or filter-tips ( <a href="#">mouthpieces, filter-tips per se A24D 3/00</a> )  | 3/0241 | . . . {by compacting particulated materials}  |
| 1/042       | . . {with mouthpieces ( <a href="#">A24D 1/047</a> takes precedence; <a href="#">mouthpieces per se A24D 3/18</a> )}   | 3/0245 | . . . {by winding, e.g. spirally}   |
| 1/045       | . . {with smoke filter means ( <a href="#">A24D 1/047</a> takes precedence)}   | 3/025  | . . {Final operations, i.e. after the filter rod forming process ( <a href="#">A24D 3/0275</a> takes precedence)}                           |
| 1/047       | . . {extensible}   | 3/0254 | . . . {Cutting means}   |
| 1/08        | . with lighting means ( <a href="#">pyrophoric compositions C06C 15/00; lighters per se F23Q</a> )   | 3/0258 | . . . {Means for making grooves}  |
| 1/10        | . with extinguishers   | 3/0262 | . . . {Filter extremity shaping and compacting means}   |
| 1/12        | . with ash-retaining attachments, holders, or other equipment  | 3/0266 | . . . {Rolling means}   |
| 1/14        | . Tobacco cartridges for pipes   | 3/027  | . . {Multiple line manufacturing devices}   |
| 1/16        | . Bands for cigars or cigarettes ( <a href="#">machines for applying bands B65C</a> )  | 3/0275 | . . {for filters with special features}   |
| 1/18        | . Selection of materials, other than tobacco, suitable for smoking   | 3/0279 | . . . {with tubes}  |
| 1/20        | . Cigarettes specially adapted for simulated smoking devices   | 3/0283 | . . . {with means for a non-axial smoke flow}   |
| 1/22        | . Cigarettes with integrated combustible heat sources, e.g. with carbonaceous heat sources   | 3/0287 | . . . {for composite filters}   |
| <b>3/00</b> | <b>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 <a href="#">A24F 7/00</a>)</b> | 3/0291 | . . . {for hollow tipped filters, e.g. recess filters}  |
| 3/02        | . Manufacture of tobacco smoke filters ( <a href="#">manufacture of paper or cellulosic materials for filters D21</a> )  | 3/0295 | . . {Process control means}   |
|             |  | 3/04   | . Tobacco smoke filters characterised by their shape or structure   |
|             |  | 3/041  | . . {with adjustable means for modifying the degree of filtration of the filter}  |
|             |  | 3/043  | . . {with ventilation means, e.g. air dilution ( <a href="#">A24D 3/041</a> takes precedence)}  |
|             |  | 3/045  | . . {with smoke acceleration means, e.g. impact-filters}  |
|             |  | 3/046  | . . {with electrical or magnetical 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](#))
- 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 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}