

# 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.

<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}