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84 Designated Contracting States: **AT BE CH DE FR GB IT LI NL SE**

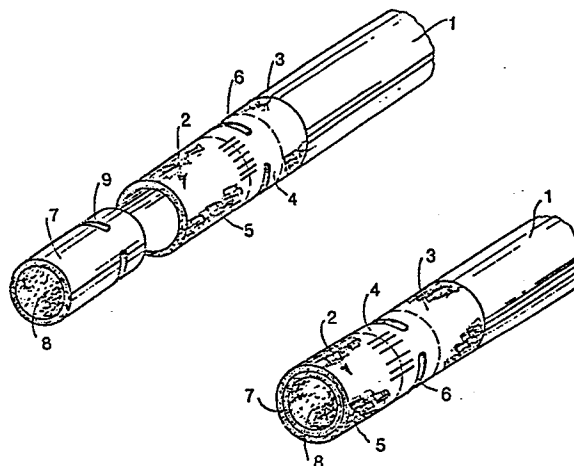
88 Date of deferred publication of search report: **09.10.85 Bulletin 85/41**

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54 **Cigarettes and methods of manufacture.**

57 A cigarette is provided which comprises a tobacco rod (1), and an integral axially aligned substantially cylindrical assembly at the mouth end of the cigarette which preferably includes a wrapped cylindrical filter plug (7, 8) and tipping paper (2,) and which is provided with means to adjust the air dilution value of the cigarette. The assembly has first and second ends, which are open to permit the passage of air and smoke, and at least two openings (6) in addition to the open ends. Means are provided for rotating one opening relative to the other so that the openings are in varying degrees of registry to permit varying amounts of air to combine with and dilute the smoke. In accordance with another aspect of the invention a filter cigarette is provided which has a wrapped filter plug (202, 203) aligned in end-to-end abutting relationship with a substantially cylindrical tobacco rod (201). The filter plug and tobacco rod are circumscribed and joined by a substantially air permeable first layer of tipping paper (204). Circumscribing the first layer of tipping paper is a second layer of substantially air impermeable tipping paper (206). The second layer has a circumferentially extending row of closely spaced perforations (210) intermediate the two ends of the second layer which divides it into a mouth-end sleeve (207) attached to the first layer at the mouth end of the cigarette and a second rod-end sleeve (208) detachable from the mouth end sleeve by rotat-

ing the sleeve relative to the first sleeve so that it can move axially between the mouth-end sleeve and positions along the tobacco rod allowing air to enter the filter through the exposed portions of the air permeable layers.





DOCUMENTS CONSIDERED TO BE RELEVANT			
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (Int. Cl. 3)
A	US-A-3 359 988 (THOMSON) * Whole document *	1,3	A 24 D 3/04 A 24 D 3/02
A	--- US-A-3 503 406 (RIEGEL) * Figures 1-5; column 3, line 25 - column 4, line 28 *	1,3	
A	--- US-A-3 512 537 (PELLETIER) * Whole document *	1	
A	--- US-A-3 695 274 (SUMMERS) * Whole document *	1	
A	--- US-A-4 340 074 (TUDOR) * Abstract; figure 3 *	12	
X	--- EP-A-0 105 683 (PHILIP MORRIS INC.) * Figures 1-3; page 7, line 15 - page 9, line 5 *	1,3,10	TECHNICAL FIELDS SEARCHED (Int. Cl. 3)  A 24 D A 24 C
The present search report has been drawn up for all claims			
Place of search THE HAGUE		Date of completion of the search 17-06-1985	Examiner RIEGEL R.E.
<b>CATEGORY OF CITED DOCUMENTS</b> X : particularly relevant if taken alone Y : particularly relevant if combined with another document of the same category A : technological background O : non-written disclosure P : intermediate document  T : theory or principle underlying the invention E : earlier patent document, but published on, or after the filing date D : document cited in the application L : document cited for other reasons  & : member of the same patent family, corresponding document			