

12

EUROPEAN PATENT APPLICATION

21 Application number: **89110763.3**

51 Int. Cl.4: **A 24 D 1/18**

22 Date of filing: **14.07.86**

30 Priority: **26.08.85 US 769532 23.10.85 US 790484**

43 Date of publication of application:
18.10.89 Bulletin 89/42

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

60 Publication number of the earlier application in
accordance with Art. 76 EPC: **0 212 234**

88 Date of deferred publication of search report:
21.03.90 Bulletin 90/12

71 Applicant: **R. J. REYNOLDS TOBACCO COMPANY**
401 North Main Street
Winston-Salem North Carolina 27102 (US)

72 Inventor: **Banerjee, Chandra Kumar**
4430 Chebar Drive
Pfafftown North Carolina 27040 (US)

Farrier, Ernest Gilbert
6085 Meadowdale Drive
Winston-Salem North Carolina 27105 (US)

Harris, James Luther
Route 1, Box 309A
Westfield North Carolina 27053 (US)

Norman, Alan Benson
8184 Steeplechase Circle
Clemmons North Carolina 27012 (US)

Resce, James Lee
Route 5, Box 341
Yadkinville North Carolina 27055 (US)

Reynolds IV, John Hughes
5901 Puritan Lane
Winston-Salem North Carolina 27103 (US)

Ridings, Henry Thomas
1609 Hauser Road
Lewisville North Carolina 27023 (US)

Sensabaugh, Andrew Jackson, Jr.
2660 Lansdowne Drive
Winston-Salem North Carolina 27103 (US)

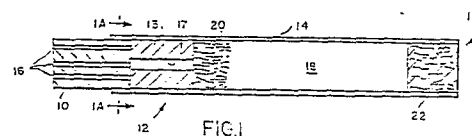
Shannon, Michael David
192-A Sonata Drive
Lewisville North Carolina 27023 (US)

Shelar, Gary Roger
5902 Pandora Drive
Greensboro North Carolina 27410 (US)

74 Representative: **Hoeger, Stellrecht & Partner**
Uhlandstrasse 14 c
D-7000 Stuttgart 1 (DE)

54 **Smoking article.**

57 The present invention relates to a smoking article, preferably in cigarette form, which produces an aerosol that resembles tobacco smoke. The article preferably comprises a short combustible fuel element (10) having a density greater than 0.5 g/cc, a separate substrate bearing an aerosol forming material (12), a heat conducting member (14) recessed from the lighting end of the fuel element, which preferably encloses the substrate (12), a resilient insulating jacket (72) encircling at least a portion of the fuel element, and an optional tobacco jacket (88) encircling at least a portion of the aerosol forming material.





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. 4)
A,D	EP-A-0 117 355 (PHILIP MORRIS INC.) * Page 2, line 23 - page 3, line 15; page 7, line 11 - page 9, line 8 * ---	1-6,19, 32,45, 46	A 24 D 1/18
A	US-A-3 258 015 (ELLIS) * Column 2, line 28 - column 5, line 20; figures 1-3 * ---	1-6,20, 22,23, 27,30, 45,46	
A	WO-A-8 401 274 (STEINER) * Page 6, line 27 - page 12; figures * ---	1-6	
A	GB-A-1 431 045 (GALLAHER LTD) * Claim 1 * ---	16-19	
A	US-A-4 340 072 (BOLT) * Whole document * ---	1-6	
A	US-A-3 356 094 (ELLIS) * Figures; abstract * ---	1	
P,A	EP-A-0 174 645 (R.J. REYNOLDS TOBACCO CO.) * Abstract; figures; claims * -----	1-53	TECHNICAL FIELDS SEARCHED (Int. Cl.4) A 24 D A 24 F A 24 B A 61 M
The present search report has been drawn up for all claims			
Place of search THE HAGUE		Date of completion of the search 30-11-1989	Examiner RIEGEL R.E.
CATEGORY OF CITED DOCUMENTS 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			