

Title (en)
Improvements relating to smoking articles.

Title (de)
Rauchartikel.

Title (fr)
Articles à fumer.

Publication
EP 0390419 A2 19901003 (EN)

Application
EP 90303067 A 19900321

Priority
GB 8907255 A 19890331

Abstract (en)
A smoking article which comprises tobacco treated with a high loading level of humectant and which has been expanded by a high level expansion process to produce expanded tobacco having a humectant loading level in the range of 4% to 15%. The particulate matter, water, nicotine and humectant free (PMW/NHF) to nicotine delivery ratio of smoking articles according to the invention and smoked under standard machine smoking conditions is not more than 8 to 1.

IPC 1-7
A24B 3/18; **A24B 15/30**

IPC 8 full level
A24B 3/12 (2006.01); **A24B 3/18** (2006.01); **A24B 15/30** (2006.01); **A24B 15/32** (2006.01); **A24B 15/42** (2006.01); **A24D 1/00** (2020.01)

CPC (source: EP US)
A24B 15/30 (2013.01 - EP); **A24B 15/42** (2013.01 - EP); **A24D 1/00** (2013.01 - EP US)

Cited by
CN108254233A; CN103859581A; WO2006046149A3; US9894928B2; US10188139B2

Designated contracting state (EPC)
AT BE CH DE DK ES FR GB GR IT LI LU NL SE

DOCDB simple family (publication)
EP 0390419 A2 19901003; **EP 0390419 A3 19910403**; **EP 0390419 B1 19940504**; **EP 0390419 B2 19970917**; AR 244956 A1 19931230; AT E105149 T1 19940515; AU 5239590 A 19901004; AU 637089 B2 19930520; BR 9001661 A 19910514; CA 2013427 A1 19900930; CA 2013427 C 19960910; DE 69008602 D1 19940609; DE 69008602 T2 19941027; DE 69008602 T3 19980108; DK 0390419 T3 19941031; ES 2054241 T3 19940801; ES 2054241 T5 19971116; GB 8907255 D0 19890517; GR 3025017 T3 19980130; JP 3113984 B2 20001204; JP H02286068 A 19901126

DOCDB simple family (application)
EP 90303067 A 19900321; AR 31652390 A 19900330; AT 90303067 T 19900321; AU 5239590 A 19900329; BR 9001661 A 19900330; CA 2013427 A 19900329; DE 69008602 T 19900321; DK 90303067 T 19900321; ES 90303067 T 19900321; GB 8907255 A 19890331; GR 970402662 T 19971014; JP 8729590 A 19900330