

Title (en)
Improvements relating to the manufacture of cigarettes.

Title (de)
Maschine für die Herstellung von Zigaretten.

Title (fr)
Machine à fabriquer les cigarettes.

Publication
EP 0574205 A1 19931215 (EN)

Application
EP 93304379 A 19930604

Priority
• GB 9212323 A 19920610
• GB 9219880 A 19920919

Abstract (en)
High speed cigarette making machines capable of producing at least 9, 000 cigarettes per minute may be too fast for the current filter tip assembling machines. Alternatively, it may cause problems if a manufacturer produces several different brands from one tobacco rod blend, in terms of the downtime required to adapt printer heads or to change the filter element supply. This invention provides means, such as modified spiders (5,3), to divide the output of such high speed machines, for example, in order to supply two further machines (8,10; 6,8). <IMAGE>

IPC 1-7
A24C 5/35; **A24C 5/00**; **A24C 5/47**

IPC 8 full level
A24C 5/00 (2006.01); **A24C 5/35** (2006.01); **A24C 5/47** (2006.01)

CPC (source: EP)
A24C 5/00 (2013.01); **A24C 5/35** (2013.01); **A24C 5/47** (2013.01)

Citation (search report)
• [X] EP 0426069 A2 19910508 - JAPAN TOBACCO INC [JP]
• [X] FR 2072686 A5 19710924 - HAUNI WERKE KOERBER & CO KG
• [X] GB 1211001 A 19701104 - MOLINS MACHINE CO LTD [GB], et al
• [A] GB 2068875 A 19810819 - HAUNI WERKE KOERBER & CO KG
• [A] DE 3335955 A1 19840426 - HAUNI WERKE KOERBER & CO KG [DE]
• [A] FR 2298968 A1 19760827 - MOLINS LTD [GB]

Cited by
EP1584247A1; JP2018532375A; RU2672941C1; WO2017055784A1; JP2018527927A; RU2675139C1; AU2015410417B2; WO2017055785A1

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

DOCDB simple family (publication)
EP 0574205 A1 19931215; **EP 0574205 B1 19970108**; AT E147239 T1 19970115; DE 69307191 D1 19970220; DE 69307191 T2 19970507; DK 0574205 T3 19970616; ES 2096209 T3 19970301; GR 3022241 T3 19970430

DOCDB simple family (application)
EP 93304379 A 19930604; AT 93304379 T 19930604; DE 69307191 T 19930604; DK 93304379 T 19930604; ES 93304379 T 19930604; GR 960403649 T 19970109