

Title (en)
Apparatus for transport filter sticks

Title (de)
Vorrichtung zum Fördern von Filterstäben

Title (fr)
Dispositif pour le transport des barette de filtres

Publication
EP 0699396 A3 19991208 (DE)

Application
EP 95113079 A 19950819

Priority
DE 4431273 A 19940902

Abstract (en)
[origin: EP0699396A2] The forwarding device has a pneumatic conveyor leading to a reception station, allowing the initial longitudinal displacement of the filter rods (4) to be converted into a transverse axial movement, for further transport via a transverse conveyor (22) with a horizontal transport direction. The reception station has a deflection zone (8) has a monitoring device (36) coupled to a control (29) which provides a fault signal upon a detected blockage of the transport filter rods in the deflection zone.

IPC 1-7
A24C 5/32

IPC 8 full level
A24C 5/47 (2006.01); **A24C 5/32** (2006.01)

CPC (source: EP US)
A24C 5/323 (2013.01 - EP US)

Citation (search report)
• [X] EP 0261271 A1 19880330 - JAPAN TOBACCO INC [JP]
• [AD] DE 3417483 A1 19841129 - HAUNI WERKE KOERBER & CO KG [DE]
• [A] GB 2070545 A 19810909 - HAUNI WERKE KOERBER & CO KG
• [A] GB 2272414 A 19940518 - MOLINS PLC [GB]
• [A] US 3608972 A 19710928 - RUDSZINAT WILLY
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Designated contracting state (EPC)
AT BE CH DE ES FR GB IT LI NL SE

DOCDB simple family (publication)
EP 0699396 A2 19960306; EP 0699396 A3 19991208; EP 0699396 B1 20020213; AT E213126 T1 20020215; CN 1045056 C 19990915; CN 1127615 A 19960731; DE 4431273 A1 19960307; DE 59510046 D1 20020321; ES 2172544 T3 20021001; JP 3720879 B2 20051130; JP H08173132 A 19960709; US 5651643 A 19970729

DOCDB simple family (application)
EP 95113079 A 19950819; AT 95113079 T 19950819; CN 95115827 A 19950901; DE 4431273 A 19940902; DE 59510046 T 19950819; ES 95113079 T 19950819; JP 22552095 A 19950901; US 51152295 A 19950804