

Title (en)
FEEDING TOBACCO

Publication
EP 0307070 A3 19900523 (EN)

Application
EP 88304568 A 19880520

Priority
• BR 8702630 A 19870522
• BR 8702631 A 19870522
• BR 8703653 A 19870714
• BR 8801548 A 19880328

Abstract (en)
[origin: EP0307070A2] In accordance with the present process and device the tobacco contained in a reservoir is selectively and pneumatically carried to a separator (20) by means of a flow of air inside a feeding tube (10). Within the air separator (20) the air is removed from the stream of particles of tobacco which continues in a direct even path until it reaches the upper open end of a first column (30) of a first tobacco metering and opening set (40, 50, 60). The metered and opened tobacco stream is then pneumatically carried and injected into an upward flow of air in a vertical duct (100) for separation of the stems and heavy fragments. The upward flow of air containing tobacco leaf particles is accelerated and turned downwards then being decelerated within a closed chamber (150) from where the air is partially extracted while the tobacco leaf particles follow their straight downward course, reaching the lower exit mouthpiece (151) of the mentioned closed chamber (150) and from there to the upper open end of a second column (70) of a second tobacco metering and opening set (40a, 50a, 60) with its exit communicating with the entrance to the machine which is usually one for manufacturing cigarettes.

IPC 1-7
A24C 5/39

IPC 8 full level
A24C 5/39 (2006.01)

CPC (source: EP)
A24C 5/392 (2013.01)

Citation (search report)
• [A] EP 0202874 A1 19861126 - ROTHMANS OF PALL MALL [CA]
• [A] FR 2492635 A1 19820430 - ROTHMANS OF PALL MALL [CA]
• [A] FR 2498898 A1 19820806 - ROTHMANS OF PALL MALL [CA]
• [A] GB 2131672 A 19840627 - ROTHMANS OF PALL MALL
• [A] EP 0063906 A1 19821103 - MOLINS PLC [GB]

Cited by
CN110404798A; EP0875159A1; CN112089089A; WO9111120A1

Designated contracting state (EPC)
DE GB IT

DOCDB simple family (publication)
EP 0307070 A2 19890315; EP 0307070 A3 19900523; EP 0307070 B1 19921125; AU 1652088 A 19881124; AU 4025489 A 19891207; AU 4025589 A 19891207; AU 591595 B2 19891207; DE 3876182 D1 19930107; DE 3876182 T2 19930527

DOCDB simple family (application)
EP 88304568 A 19880520; AU 1652088 A 19880520; AU 4025489 A 19890825; AU 4025589 A 19890825; DE 3876182 T 19880520