

Title (en)

Automatic control device for the feeding of a flow of tobacco particles to a machine.

Title (de)

Automatische Steuervorrichtung zum Zuführen von Tabakteilchen zu einer Maschine.

Title (fr)

Dispositif de commande automatique de l'alimentation d'une machine par un flux de particules de tabac.

Publication

EP 0390732 A1 19901003 (FR)

Application

EP 90810178 A 19900308

Priority

CH 106889 A 19890322

Abstract (en)

The pressure sensor (P) and a time-measuring member actuate the drain plug (15) of the pipe (7) as a function of a predetermined programme. When the plug is open, the feed to the machine is interrupted. When it is closed, the aspirated air entrains the particles of tobacco from the bed (5), and a vacuum (P) exists at the level of the sensor (P), having a predetermined index value PC. If, the plug being closed, a blockage forms in the lower aperture of the sleeve (23), the latter is aspirated upwards and impacts against the rods (19), which dislodges the blockage. If the pressure continues to drop, the plug (15) is opened, the sleeve falls back and the dislodgement is reliably produced. <IMAGE>

IPC 1-7

A24C 5/39

IPC 8 full level

A24C 5/39 (2006.01)

CPC (source: EP US)

A24C 5/392 (2013.01 - EP US); **Y10S 131/909** (2013.01 - EP US)

Citation (search report)

- GB 2139870 A 19841121 - HAUNI WERKE KOERBER & CO KG
- GB 773835 A 19570501 - KURT KOERBER
- DE 3642085 A1 19871203 - ENGELBRECHT & LEMMERBROCK [DE]

Cited by

CN108636949A

Designated contracting state (EPC)

BE CH DE FR GB IT LI NL

DOCDB simple family (publication)

EP 0390732 A1 19901003; **EP 0390732 B1 19940810**; DE 69011374 D1 19940915; DE 69011374 T2 19950323; US 5000197 A 19910319

DOCDB simple family (application)

EP 90810178 A 19900308; DE 69011374 T 19900308; US 49678390 A 19900321