

Title (en)

Device for moving rod-like articles along their longitudinal axis in the tobacco industry

Title (de)

Vorrichtung zum Verschieben von stabförmigen Artikeln der tabakverarbeitenden Industrie in Richtung ihrer Längsachsen

Title (fr)

Dispositif pour déplacer des articles en forme de tige suivant leur axe longitudinal dans l'industrie du tabac

Publication

EP 1033083 B1 20030502 (DE)

Application

EP 00103748 A 20000223

Priority

DE 19909465 A 19990304

Abstract (en)

[origin: EP1033083A1] The appliance for displacing bar-shaped articles (4,6) contained in trough-like containers (2) in a rotating conveyor in the form of a drum (1) in the direction of their lengthwise axes incorporates at least one rotating pressure ring (16,17) pressing against the end sides of the articles. At least parts of the pressure ring are made of silicone. At least one operating element (27,28) exerts sprung elastic pressure from the pressure ring onto the articles. The pressure ring is fixed in an inner end part (10,15) on the drum's hub (8,9).

IPC 1-7

A24C 5/47; **A24C 5/32**

IPC 8 full level

A24C 5/35 (2006.01); **A24C 5/32** (2006.01); **A24C 5/47** (2006.01)

CPC (source: EP US)

A24C 5/327 (2013.01 - EP US); **A24C 5/478** (2013.01 - EP US)

Cited by

DE102008063847A1; EP3782482A1; EP1913825A1; CN107846965A; RU2697967C1; EP1913822A3; US10159274B2; EP2965639A1; WO2017009747A1; US10342252B2; EP2198725A1; DE102008063847B4; DE102019122472A1; WO2016170457A1

Designated contracting state (EPC)

AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE

DOCDB simple family (publication)

EP 1033083 A1 20000906; **EP 1033083 B1 20030502**; AT E238703 T1 20030515; CN 1142725 C 20040324; CN 1265859 A 20000913; DE 19909465 A1 20000907; DE 50001928 D1 20030605; ES 2194639 T3 20031201; JP 2000245428 A 20000912; PL 191069 B1 20060331; PL 338761 A1 20000911; US 6425400 B1 20020730

DOCDB simple family (application)

EP 00103748 A 20000223; AT 00103748 T 20000223; CN 00103845 A 20000303; DE 19909465 A 19990304; DE 50001928 T 20000223; ES 00103748 T 20000223; JP 2000055900 A 20000301; PL 33876100 A 20000302; US 52000300 A 20000306