

Title (en)

Transport drum for the tobacco processing industry

Title (de)

Fördertrommel der Tabak verarbeitenden Industrie

Title (fr)

Tambour de transport de l'industrie de traitement du tabac

Publication

EP 2353408 A3 20131009 (DE)

Application

EP 11150359 A 20110107

Priority

DE 102010001362 A 20100129

Abstract (en)

[origin: EP2353408A2] The spool (10) has a rotatable drum body (12) including a retaining cavity (14) for transporting rod-shaped articles e.g. cigarettes (16), tobacco sticks and/or filter rods, of a tobacco processing industry. The body is formed with radial suction air holes (18) by a pressure source (30) based on the cavity. A control flange (20) is surrounded by the body and sectionally-formed in a circumferential direction. An airflow cross section is narrowed in a region between inner ends of the holes of the body by an inner end of the flange by pressure.

IPC 8 full level

A24C 5/32 (2006.01)

CPC (source: EP)

A24C 5/327 (2013.01)

Citation (search report)

- [X] DE 2640566 A1 19780316 - HAUNI WERKE KOERBER & CO KG
- [X] EP 1743533 A1 20070117 - HAUNI MASCHINENBAU AG [DE]
- [X] GB 1078229 A 19670809 - JAN ANTONI RAKOWICZ, et al
- [X] US 3901373 A 19750826 - RUDZINAT WILLY
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Cited by

EP3504987A1; EP2716171A1; CN103708187A; IT201900014352A1; US12004556B2; WO2021024222A1

Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)

BA ME

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