

Title (en)

Discharge of rod-shaped articles from the tobacco processing industry

Title (de)

Fördern von stabförmigen Artikeln der Tabak verarbeitenden Industrie

Title (fr)

Transport d'articles en forme de tige de l'industrie de traitement du tabac

Publication

EP 2712509 B1 20170412 (DE)

Application

EP 13183015 A 20130904

Priority

DE 102012216857 A 20120920

Abstract (en)

[origin: EP2712509A1] The method involves conveying rod-shaped objects (115) in retaining cavities (114, 124) of drum bodies (112, 122) of conveying drums (110, 120). The objects are transferred to a delivery area (130) between the conveying drums by forming form-fit connections with contours of the retaining cavities, respectively. The supply of holding low pressure to the retaining cavity of one of the conveying drums is stopped during formation of the form-fit connections, and the objects are simultaneously loaded with the holding low pressure at the retaining cavity of another conveying drum. An independent claim is also included for a drum machine.

IPC 8 full level

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

CPC (source: EP)

A24C 5/327 (2013.01); **A24C 5/478** (2013.01)

Citation (opposition)

Opponent : G.D S.p.A.

- EP 1366679 A2 20031203 - GD SPA [IT]
- WO 9701291 A1 19970116 - BRITISH AMERICAN TOBACCO CO [GB], et al
- KLEIN: "Einführung in die DIN-Normen", 1993, article 12.5 ALLGEMEINTOLERANZEN, pages: 286 - 290, XP055452202

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

DOCDB simple family (publication)

EP 2712509 A1 20140402; EP 2712509 B1 20170412; EP 2712509 B2 20230329; CN 103653241 A 20140326; CN 103653241 B 20170606; DE 102012216857 A1 20140320; PL 2712509 T3 20171031

DOCDB simple family (application)

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