

Title (en)

DEVICE FOR FEEDING ROD-LIKE SMOKERS' ARTICLES IN AN AUTOMATIC MACHINE FOR THE TOBACCO INDUSTRY

Title (de)

VORRICHTUNG ZUM ZUFÜHREN VON STABARTIGEN RAUCHARTIKELN IN EINER AUTOMATISCHEN MASCHINE FÜR DIE TABAKINDUSTRIE

Title (fr)

DISPOSITIF PERMETTANT D'ALIMENTER DES ARTICLES POUR FUMEUR EN FORME DE TIGE DANS UNE MACHINE AUTOMATIQUE DESTINÉE À L'INDUSTRIE DU TABAC

Publication

**EP 2999361 B1 20180718 (EN)**

Application

**EP 14727939 A 20140514**

Priority

- IT BO20130239 A 20130521
- IB 2014061428 W 20140514

Abstract (en)

[origin: WO2014188306A1] This invention relates to a device for feeding rod-like smokers' articles in an automatic machine for the tobacco industry; the device comprises at least one hopper (3) for containing a plurality of rod-like articles (2) and at least one pickup and transfer roller (4, 6, 7), located downstream of the hopper (3), which picks up and transfers the rod-like articles (2) and which has a plurality of suction flutes (5) on its cylindrical surface; the device comprises means (11) for distributing and subdividing the rod-like articles (2) which are fed by and contained in the hopper (3); the distributing and subdividing means (11) being capable of positioning the rod-like articles (2) relative to each other so as to prevent them from being flattened.

IPC 8 full level

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

CPC (source: EP)

**A24C 5/325** (2013.01); **A24C 5/35** (2013.01)

Citation (examination)

- US 4103692 A 19780801 - BAIER ROBERT J, et al
- US 1680024 A 19280807 - EWALD KOERNER
- EP 0208925 A1 19870121 - SASIB SPA [IT]
- GB 912503 A 19621212 - AMERICAN MACH & FOUNDRY

Cited by

WO2021245067A1; DE102020119102A1; DE102020114600A1

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