

Title (en)

DEVICE FOR EMBOSSING AND/OR PERFORATING FOILS FOR TOBACCO GOODS

Title (de)

VORRICHTUNG ZUM PRÄGEN UND/ODER PERFORIEREN VON FOLIEN FÜR TABAKWAREN

Title (fr)

DISPOSITIF D'ESTAMPAGE ET/OU DE PERFORATION DE FEUILLES POUR DES ARTICLES À BASE DE TABAC

Publication

EP 2858815 A2 20150415 (DE)

Application

EP 13742277 A 20130606

Priority

- EP 12171255 A 20120608
- IB 2013054656 W 20130606
- EP 13742277 A 20130606

Abstract (en)

[origin: EP2671714A1] The device has an embossing rollers comprising tooth for perforating films (1). A die roller (14) comprises recesses assigned to teeth on the embossing rollers, where geometrical dimensions of the teeth and recesses are different from each other. Two embossing rollers are arranged in a perforation device (5). The device is designed to operate directly or indirectly in an online in a tobacco goods manufacturing machine. A control unit is designed to control an accurate location, dimensions and arrangement of perforations in dependent upon a quality of films to be processed.

IPC 8 full level

A24C 5/00 (2006.01); **A24C 5/60** (2006.01); **B31F 1/07** (2006.01)

CPC (source: EP US)

A24C 5/005 (2013.01 - EP US); **A24C 5/007** (2013.01 - EP US); **B31F 1/07** (2013.01 - EP US); **D21F 3/04** (2013.01 - US); **D21F 3/086** (2013.01 - US); **B31F 2201/072** (2013.01 - EP US); **B31F 2201/0743** (2013.01 - EP US); **B31F 2201/0779** (2013.01 - EP US); **B31F 2201/0797** (2013.01 - EP US)

Citation (search report)

See references of WO 2013183022A2

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

DOCDB simple family (publication)

EP 2671714 A1 20131211; BR 112014030448 A2 20170627; CN 104364076 A 20150218; EP 2858815 A2 20150415; IN 10434DEN2014 A 20150821; RU 2014149893 A 20160810; RU 2640994 C2 20180112; US 2015114585 A1 20150430; US 9809927 B2 20171107; WO 2013183022 A2 20131212; WO 2013183022 A3 20140306

DOCDB simple family (application)

EP 12171255 A 20120608; BR 112014030448 A 20130606; CN 201380030068 A 20130606; EP 13742277 A 20130606; IB 2013054656 W 20130606; IN 10434DEN2014 A 20141208; RU 2014149893 A 20130606; US 201314405361 A 20130606