

Title (en)

ROTATING DEVICE FOR FLAT PRODUCTS OR FOR A STACK THEREOF

Title (de)

DREHVORRICHTUNG FÜR FLÄCHIGE ERZEUGNISSE ODER FÜR EINEN STAPEL DAVON

Title (fr)

DISPOSITIF DE RETOURNEMENT DE PRODUITS PLATS OU D'UNE PILE DE CEUX-CI

Publication

EP 2867148 A1 20150506 (DE)

Application

EP 13732886 A 20130625

Priority

- CH 9192012 A 20120629
- EP 2013063232 W 20130625

Abstract (en)

[origin: WO2014001307A1] In a device for rotating a stack of flat sheet-like or film-like products or a stack thereof, at least two drive-roller pairs (11, 12; 13, 14) which are arranged next to one another but spaced apart from one another are provided for the transport of the products (1), the drive speed of which can be varied in such a way that the two roller pairs can be operated at different speeds, directed in the same transport direction.

IPC 8 full level

B65H 5/06 (2006.01); **B65H 15/00** (2006.01)

CPC (source: EP US)

B65H 5/062 (2013.01 - EP US); **B65H 9/00** (2013.01 - US); **B65H 9/002** (2013.01 - US); **B65H 2301/33214** (2013.01 - US); **B65H 2301/33216** (2013.01 - EP US); **B65H 2404/14** (2013.01 - US); **B65H 2404/144** (2013.01 - EP US); **B65H 2701/1916** (2013.01 - EP US); **B65H 2801/66** (2013.01 - US)

Citation (search report)

See references of WO 2014001307A1

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)

CH 706657 A1 20131231; EP 2867148 A1 20150506; EP 2867148 B1 20190410; SG 11201408727S A 20150227; US 2015246786 A1 20150903; US 9555991 B2 20170131; WO 2014001307 A1 20140103

DOCDB simple family (application)

CH 9192012 A 20120629; EP 13732886 A 20130625; EP 2013063232 W 20130625; SG 11201408727S A 20130625; US 201314409518 A 20130625