

Title (en)

CONVEYOR WITH DEFORMABLE WHEELS APPLYING A PROGRESSIVE CLAMPING FORCE

Title (de)

FÖRDERBAND MIT VERFORMBAREN RÄDERN ZUR ANWENDUNG EINER FORTSCHREITENDEN KLEMMKRAFT

Title (fr)

CONVOYEUR À ROUES DÉFORMABLES EXERÇANT UN EFFORT DE PINCEMENT PROGRESSIF

Publication

**EP 2176150 B1 20101006 (FR)**

Application

**EP 08826985 A 20080717**

Priority

- FR 2008051343 W 20080717
- FR 0756893 A 20070802

Abstract (en)

[origin: US7987967B2] A conveyor device for conveying flat objects on edge, which device comprises at least two wheels having elastically deformable treads and disposed facing each other so as to move a flat object on edge by pinching and friction. The two wheels are arranged in such a manner as to exert a pinching force on the flat object on edge that varies progressively as the flat object is driven forwards.

IPC 8 full level

**B65H 5/06** (2006.01); **B07C 1/02** (2006.01); **B65G 29/00** (2006.01)

CPC (source: EP US)

**B65H 5/062** (2013.01 - EP US); **B65H 2301/321** (2013.01 - EP US); **B65H 2404/14** (2013.01 - EP US); **B65H 2404/56** (2013.01 - EP US); **B65H 2701/1916** (2013.01 - EP US)

Designated contracting state (EPC)

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

DOCDB simple family (publication)

**FR 2919592 A1 20090206**; **FR 2919592 B1 20090904**; AT E483662 T1 20101015; DE 602008002951 D1 20101118; EP 2176150 A2 20100421; EP 2176150 B1 20101006; ES 2350563 T3 20110125; JP 2010534604 A 20101111; PT 2176150 E 20101021; US 2010170770 A1 20100708; US 7987967 B2 20110802; WO 2009019386 A2 20090212; WO 2009019386 A3 20090409

DOCDB simple family (application)

**FR 0756893 A 20070802**; AT 08826985 T 20080717; DE 602008002951 T 20080717; EP 08826985 A 20080717; ES 08826985 T 20080717; FR 2008051343 W 20080717; JP 2010518717 A 20080717; PT 08826985 T 20080717; US 29824108 A 20080717