

Title (en)

DEVICE AND CORRESPONDING METHOD FOR TRANSPORTING AND TRANSFERRING FLEXIBLE FLAT OBJECTS

Title (de)

VORRICHTUNG UND DAZUGEHÖRIGES VERFAHREN ZUM FÖRDERN UND TRANSFERIEREN VON FLEXIBLEN FLÄCHIGEN GEGENSTÄNDEN

Title (fr)

DISPOSITIF ET PROCÉDÉ CORRESPONDANT DE TRANSPORT ET TRANSFERT D'OBJETS PLATS FLEXIBLES

Publication

EP 3031759 B1 20170719 (DE)

Application

EP 15197626 A 20151202

Priority

CH 18932014 A 20141208

Abstract (en)

[origin: CA2913837A1] The invention relates to a device for conveying and transferring flexible, flat objects, with a gripper conveyor, comprising a plurality of grippers which are movable along a conveying path (U) in a conveying direction (F1), further with a conveying-way device which forms a conveying rest which in a transfer region (T) is arranged below the conveying path (U), in a manner such that objects which are released from grippers in the transfer region (T) are deposited onto the conveying rest. The device comprises a pressing circulatory device which acts upon the transfer region (T) and is with a plurality of outwardly directed pressing arms. The pressing circulatory device is designed, in the transfer region (T), to press the objects to be transferred, with the pressing arms, onto the conveying rest in a manner such that the objects can be deposited onto the conveying rest in a guided and controlled manner.

IPC 8 full level

B65H 29/00 (2006.01); **B65H 29/16** (2006.01); **B65H 29/24** (2006.01); **B65H 29/66** (2006.01)

CPC (source: EP US)

B65H 5/085 (2013.01 - US); **B65H 5/16** (2013.01 - US); **B65H 5/24** (2013.01 - US); **B65H 29/003** (2013.01 - EP US); **B65H 29/16** (2013.01 - EP US); **B65H 29/242** (2013.01 - EP US); **B65H 29/6609** (2013.01 - EP US); **B65H 2301/446** (2013.01 - EP US); **B65H 2301/44712** (2013.01 - EP US); **B65H 2301/44732** (2013.01 - EP US); **B65H 2301/44735** (2013.01 - EP US); **B65H 2404/1521** (2013.01 - EP US); **B65H 2405/552** (2013.01 - EP US)

Citation (examination)

WO 2010051650 A1 20100514 - FERAG AG [CH], et al

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 3031759 A1 20160615; **EP 3031759 B1 20170719**; AU 2015268565 A1 20160623; CA 2913837 A1 20160608; CH 710449 A1 20160615; US 10040655 B2 20180807; US 2016159595 A1 20160609

DOCDB simple family (application)

EP 15197626 A 20151202; AU 2015268565 A 20151208; CA 2913837 A 20151203; CH 18932014 A 20141208; US 201514956876 A 20151202