

Title (en)
Transport device

Title (de)
Transportvorrichtung

Title (fr)
Dispositif de transport

Publication
EP 2423137 B1 20130605 (DE)

Application
EP 11173986 A 20110714

Priority
DE 102010036013 A 20100831

Abstract (en)
[origin: EP2423137A1] The device (20) has upper conveying devices (21, 21') with a conveying unit (23) i.e. conveyor belt, guided around conveying rollers (24, 24') of sliding rails (29, 29') and guiding rollers (26), where the sliding rails are fastened at a sliding plate (30). Lower conveying devices (22) have a roller flange (28) with conveying rollers (38) fastened at a rail (41). The upper and lower conveying devices are connected with a drive, and the sliding rails and the rail are changeable in length and fastened at the plate and/or the flange.

IPC 8 full level
B65H 29/12 (2006.01); **B31B 50/04** (2017.01); **B31B 50/62** (2017.01); **B41F 21/00** (2006.01); **B65H 5/02** (2006.01)

CPC (source: EP US)
B65H 5/023 (2013.01 - EP US); **B65H 29/12** (2013.01 - EP US); **B31B 50/042** (2017.08 - EP US); **B65H 2301/4474** (2013.01 - EP US); **B65H 2404/2613** (2013.01 - EP US); **B65H 2404/2614** (2013.01 - EP US); **B65H 2404/2691** (2013.01 - EP US); **B65H 2701/1764** (2013.01 - EP US); **B65H 2801/21** (2013.01 - EP US); **Y10T 83/02** (2015.04 - EP US)

C-Set (source: EP US)
B65H 2301/4474 + **B65H 2220/01** + **B65H 2220/02**

Cited by
CN113184611A; ITBO20130457A1; WO2015019243A1; DE102022105319A1

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 2423137 A1 20120229; EP 2423137 B1 20130605; CN 102431817 A 20120502; DE 102011107799 A1 20120301; PL 2423137 T3 20131031; US 2012053035 A1 20120301; US 9017240 B2 20150428

DOCDB simple family (application)
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