

Title (en)

Crossing between two transport routes for transporting flat products lying down

Title (de)

Kreuzung zwischen zwei Transportstrecken, welche zum liegenden Transport von flächigen Erzeugnissen ausgebildet sind

Title (fr)

Croisement entre deux voies de transport conçues pour le transport à plat de produits plats

Publication

EP 2511211 A3 20130306 (DE)

Application

EP 12164178 A 20120413

Priority

CH 6712011 A 20110414

Abstract (en)

[origin: EP2511211A2] The junction (10) has a switch-transfer device (15) for transferring products from transport path (11) to transport path (12). The switch-transfer device transports the products freely on transport paths in one setting and deflects the products from one transport path to another in another setting. The deflecting section (25) of switch-transfer device is formed in curve shape and provided with a movable free end (16). The deflecting section is deflected at a distance from one transport path in one setting and engaged with one transport path in another setting.

IPC 8 full level

B65H 29/58 (2006.01); **B65G 21/10** (2006.01); **B65G 21/18** (2006.01); **B65G 47/52** (2006.01); **B65H 29/66** (2006.01)

CPC (source: EP US)

B65H 29/58 (2013.01 - EP US); **B65H 29/66** (2013.01 - EP US); **B65H 2301/3423** (2013.01 - EP US); **B65H 2404/254** (2013.01 - EP US); **B65H 2404/2691** (2013.01 - EP US); **B65H 2404/2693** (2013.01 - EP US)

Citation (search report)

- [A] US 4050573 A 19770927 - MULLER HANS
- [A] EP 0215340 A2 19870325 - CIVIEMME SRL [IT]
- [AD] DE 3302935 A1 19840719 - GRAPHIA HOLDING AG [CH]
- [A] EP 1900666 A1 20080319 - GUNZE KK [JP]

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 2511211 A2 20121017; **EP 2511211 A3 20130306**; **EP 2511211 B1 20140716**; AU 2012202158 A1 20121101; AU 2012202158 B2 20161006; CA 2774737 A1 20121014; CH 704786 A1 20121015; US 2012298484 A1 20121129; US 8789683 B2 20140729

DOCDB simple family (application)

EP 12164178 A 20120413; AU 2012202158 A 20120413; CA 2774737 A 20120413; CH 6712011 A 20110414; US 201213446934 A 20120413