

Title (en)

CONVEYANCE APPARATUS AND METHOD FOR CONVEYING OBJECTS

Title (de)

FÖRDERVORRICHTUNG UND VERFAHREN ZUM FÖRDERN VON GEGENSTÄNDEN

Title (fr)

APPAREIL DE TRANSPORT ET PROCÉDÉ POUR TRANSPORTER DES OBJETS

Publication

EP 2736358 B1 20151021 (EN)

Application

EP 12728993 A 20120612

Priority

- EP 11006086 A 20110725
- EP 2012002485 W 20120612
- EP 12728993 A 20120612

Abstract (en)

[origin: WO2013013738A1] The present invention relates to a conveyance apparatus (1) for objects (2), comprising a first conveyance means (3) with a plurality of holding means (4) for objects (2), wherein the conveyance means (3) is conveying the objects (2) along a first motion path. Further, a second conveyance means (5) is provided for removing the objects (2) from at least one of the holding means (4) of the conveyance means (3) along a second motion path, which is different from the first motion path. A collecting means (10) is adapted to receive the objects (2) along the second motion path, while being adapted to follow the movement of the first conveyance means (3) along the first motion path while receiving the objects (2) transferred along the second motion path. The collecting means (10) is adapted to move in the direction substantially opposite to the first motion path of the first conveyance means (3) after having received the objects (2) from the at least one holding means (4) of the first conveyance means (3), so as to carry out a reciprocating movement. Further, the invention relates to a method for conveying objects.

IPC 8 full level

A24D 3/02 (2006.01)

CPC (source: EP KR RU)

A24D 3/02 (2013.01 - KR); **A24D 3/0287** (2013.01 - EP RU)

Cited by

EP3375303A1

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)

WO 2013013738 A1 20130131; BR 112014001367 A2 20170221; BR 112014001367 B1 20210217; CN 103635108 A 20140312; CN 103635108 B 20151125; EP 2736358 A1 20140604; EP 2736358 B1 20151021; ES 2553528 T3 20151209; HU E026545 T2 20160628; JP 2014527006 A 20141009; JP 6058659 B2 20170111; KR 101998432 B1 20190709; KR 20140041541 A 20140404; PL 2736358 T3 20160429; RU 2014106827 A 20150827; RU 2583895 C2 20160510

DOCDB simple family (application)

EP 2012002485 W 20120612; BR 112014001367 A 20120612; CN 201280031313 A 20120612; EP 12728993 A 20120612; ES 12728993 T 20120612; HU E12728993 A 20120612; JP 2014521963 A 20120612; KR 20137032965 A 20120612; PL 12728993 T 20120612; RU 2014106827 A 20120612