

Title (en)

DEVICE, SYSTEM AND METHOD FOR PUSHING AN OBJECT ACROSS A SURFACE BY MEANS OF A MAGNETIC CONTACT ELEMENT
DRIVEN BY ANOTHER MAGNETIC ELEMENT

Title (de)

VORRICHTUNG, SYSTEM UND VERFAHREN ZUM VERSCHIEBEN EINES GEGENSTANDES AUF EINER OBERFLÄCHE MITTELS EINES
MAGNETISCHEN KONTAKTELEMENTS, ANGETRIEBEN DURCH EIN ANDERES MAGNETISCHES ELEMENT

Title (fr)

DISPOSITIF, SYSTÈME ET PROCÉDÉ POUR POUSSER UN OBJET SUR UNE SURFACE, À L'AIDE D'UN ÉLÉMENT DE CONTACT
MAGNÉTIQUE ENTRAÎNÉ PAR UN AUTRE ÉLÉMENT MAGNÉTIQUE

Publication

EP 3060502 A1 20160831 (FR)

Application

EP 14805982 A 20141024

Priority

- FR 1360478 A 20131025
- FR 2014052719 W 20141024

Abstract (en)

[origin: WO2015059430A1] The invention relates to a device (10) for conveying an object across a conveyor surface (46), which includes: at least one conveyor belt (16) located under the conveyor surface (46); a first magnetic means (26) secured to said conveyor belt (16); a second magnetic means (54) positioned on the conveyor surface (46), driven by said first magnetic means (26) through the conveyor surface (46) and adapted to apply a contact force to the outer wall of the object in order to allow the guided movement of said object across the conveyor surface (46).

IPC 8 full level

B65G 19/02 (2006.01); **B65G 54/02** (2006.01); **G01N 35/04** (2006.01)

CPC (source: EP US)

B65G 19/02 (2013.01 - EP US); **B65G 23/18** (2013.01 - US); **B65G 54/02** (2013.01 - US); **B65G 54/025** (2013.01 - EP US); **G01N 35/04** (2013.01 - EP US); **B65G 2203/0216** (2013.01 - US); **G01N 2035/0477** (2013.01 - EP US)

Citation (search report)

See references of WO 2015059430A1

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)

WO 2015059430 A1 20150430; CN 105658549 A 20160608; CN 105658549 B 20180810; EP 3060502 A1 20160831; FR 3012437 A1 20150501; FR 3012437 B1 20151023; JP 2016534953 A 20161110; JP 6363704 B2 20180725; US 2016272432 A1 20160922; US 9878849 B2 20180130

DOCDB simple family (application)

FR 2014052719 W 20141024; CN 201480058648 A 20141024; EP 14805982 A 20141024; FR 1360478 A 20131025; JP 2016522752 A 20141024; US 201415032004 A 20141024