

Title (en)

MACHINE FOR SORTING OF FLAT ARTICLES HAVING HETEROGENEOUS PHYSICAL PROPERTIES AND ACCORDING METHOD

Title (de)

MASCHINE ZUM SORTIEREN FLACHER SENDUNGEN MIT HETEROGENEN PHYSISCHEN EIGENSCHAFTEN UND ENTSPRECHENDES SORTIERVERFAHREN

Title (fr)

MACHINE DE TRI D'OBJETS PLATS PRÉSENTANT DES CARACTÉRISTIQUES PHYSIQUES HÉTÉROGÈNES, ET PROCÉDÉ DE TRI DE CES OBJETS PLATS

Publication

EP 2794130 A1 20141029 (FR)

Application

EP 12781380 A 20121009

Priority

- FR 1162391 A 20111223
- FR 2012052291 W 20121009

Abstract (en)

[origin: WO2013093250A1] The invention relates to a machine (1) for sorting flat objects (100, 101) having heterogeneous physical characteristics, including sorting outlets provided with stackers (3) controlled by a monitoring/control unit according to a plurality of programs, each of which is assigned to a predefined type of flat object (100, 101) having predetermined physical characteristics and establishes predetermined operating parameters, such as, in particular, the spacing between said flat objects (100, 101) and the speed at which said flat objects (100, 101) are conveyed, the sorting machine (1) comprising a means for determining the predetermined physical characteristics of each flat object (101) arriving at said stacker (3), said monitoring/control unit being arranged after determining to assign a predefined type of flat object to said flat object (101) arriving at said stacker (3) and to activate said corresponding unstacking program in order to apply predetermined operating parameters when said arriving flat object (101) is stacked.

IPC 8 full level

B07C 1/04 (2006.01); **B65H 7/20** (2006.01); **B65H 29/40** (2006.01); **B65H 31/06** (2006.01)

CPC (source: EP US)

B07C 1/04 (2013.01 - EP US); **B07C 5/00** (2013.01 - US); **B65H 29/40** (2013.01 - EP US); **B65H 29/60** (2013.01 - EP US);
B65H 31/06 (2013.01 - EP US); **B65H 2301/4214** (2013.01 - EP US); **B65H 2404/652** (2013.01 - EP US); **B65H 2406/122** (2013.01 - EP US);
B65H 2511/10 (2013.01 - EP US); **B65H 2511/22** (2013.01 - EP US); **B65H 2511/40** (2013.01 - EP US); **B65H 2511/414** (2013.01 - EP US);
B65H 2513/20 (2013.01 - EP US); **B65H 2513/42** (2013.01 - EP US); **B65H 2557/23** (2013.01 - EP US); **B65H 2701/1916** (2013.01 - EP US)

Citation (search report)

See references of WO 2013093250A1

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 2013093250 A1 20130627; AU 2012356654 A1 20140522; AU 2012356654 B2 20150122; CN 103958081 A 20140730;
CN 103958081 B 20161109; DK 2794130 T3 20160111; DK 2794130 T4 20181210; EP 2794130 A1 20141029; EP 2794130 B1 20151125;
EP 2794130 B2 20181024; FR 2984774 A1 20130628; FR 2984774 B1 20140214; JP 2015500739 A 20150108; JP 6039685 B2 20161207;
PT 2794130 E 20160208; US 2014231317 A1 20140821; US 9539617 B2 20170110

DOCDB simple family (application)

FR 2012052291 W 20121009; AU 2012356654 A 20121009; CN 201280058974 A 20121009; DK 12781380 T 20121009;
EP 12781380 A 20121009; FR 1162391 A 20111223; JP 2014548133 A 20121009; PT 12781380 T 20121009; US 201213805838 A 20121009