

Title (en)
DEVICE FOR FACILITATING SORTING OF OBJECTS INTO A SORTING RACK

Title (de)
VORRICHTUNG ZUR UNTERSTÜTZUNG DER SORTIERUNG VON GEGENSTÄNDEN IN EIN ABLAGEFACH

Title (fr)
DISPOSITIF D'AIDE POUR TRIER DES OBJETS DANS UN CASIER DE TRI

Publication
EP 2906367 A1 20150819 (FR)

Application
EP 13779297 A 20130925

Priority
• FR 1259710 A 20121011
• FR 2013052252 W 20130925

Abstract (en)
[origin: WO2014057185A1] A method for manually sorting flat objects (4) in a sorting box (7) comprising sorting bins (8), consists of producing a location signal (100) designating a sorting bin of said sorting box into which said object to be sorted should be placed. The method consists of placing said flat objects to be sorted in a pile and removing the objects one by one from the top of the pile. The method also consists of automatically forming (310), at a certain rate, digital images (14) of the top of the pile, the digital image of each object on the top of the pile comprising a sorting indication. Finally, the method consists of automatically producing (330), based on the digital image of said object on the top of the pile, said location signal as a flat object is removed from the top of the pile of flat objects.

IPC 8 full level
B07C 7/00 (2006.01)

CPC (source: EP US)
B07C 7/005 (2013.01 - EP US); **B07C 7/02** (2013.01 - US)

Citation (search report)
See references of WO 2014057185A1

Cited by
EP3272430A1; WO2018015097A1; WO2014057185A1

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 2014057185 A1 20140417; AU 2013328516 A1 20150402; AU 2013328516 B2 20170420; CA 2887100 A1 20140417;
CA 2887100 C 20170509; DK 2906367 T3 20170724; EP 2906367 A1 20150819; EP 2906367 B1 20170517; ES 2629513 T3 20170810;
FR 2996789 A1 20140418; FR 2996789 B1 20151204; PT 2906367 T 20170704; US 2015209832 A1 20150730; US 9233401 B2 20160112

DOCDB simple family (application)
FR 2013052252 W 20130925; AU 2013328516 A 20130925; CA 2887100 A 20130925; DK 13779297 T 20130925; EP 13779297 A 20130925;
ES 13779297 T 20130925; FR 1259710 A 20121011; PT 13779297 T 20130925; US 201314130179 A 20130925