

Title (en)
Method and device for transporting a flat object

Title (de)
Verfahren und Vorrichtung zum Transport eines flachen Gegenstands

Title (fr)
Procédé et dispositif de transport d'un objet plat

Publication
EP 2030922 A3 20121205 (DE)

Application
EP 08105146 A 20080827

Priority
DE 102007041006 A 20070830

Abstract (en)
[origin: EP2030922A2] The method involves measuring thickness of a flat object. A gap is adjusted between a belt guide roller (VS1) and a continuous conveyor (F3) such that the gap is smaller than or equal to the measured thickness, and difference between the measured thickness and the gap is smaller than or equal to a preset limit. The flat object is jammed between the belt guide roller and the continuous conveyor, and the jammed flat object is transported over a conveying path (FS1). An independent claim is also included for a device for transporting a flat object over a conveying path.

IPC 8 full level
B65H 5/06 (2006.01); **B65H 5/02** (2006.01)

CPC (source: EP US)
B65H 5/025 (2013.01 - EP US); **B65H 2301/321** (2013.01 - EP US); **B65H 2511/13** (2013.01 - EP US); **B65H 2511/224** (2013.01 - EP US); **B65H 2701/1916** (2013.01 - EP US)

Citation (search report)

- [YA] DE 10319723 B3 20040916 - SIEMENS AG [DE]
- [YA] US 5401013 A 19950328 - HURD BRUCE E [US], et al
- [A] DE 102004022027 B3 20051208 - SIEMENS AG [DE]
- [A] US 2006089245 A1 20060427 - SHOEBRIDGE DONALD T [US], et al
- [A] EP 0157343 A2 19851009 - BAEUERLE GMBH MATHIAS [DE]
- [A] US 5449162 A 19950912 - SAITO YOSHIHIRO [JP], et al

Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MT NL NO PL PT RO SE SI SK TR

Designated extension state (EPC)
AL BA MK RS

DOCDB simple family (publication)
EP 2030922 A2 20090304; **EP 2030922 A3 20121205**; DE 102007041006 A1 20090305; US 2009115127 A1 20090507; US 8020863 B2 20110920

DOCDB simple family (application)
EP 08105146 A 20080827; DE 102007041006 A 20070830; US 20293408 A 20080902