Title (en)

Device and method of transporting an object using a support component

Title (de)

Vorrichtung und Verfahren zum Transport eines Gegenstands mittels einer Auflagekomponente.

Title (fr)

Dispositif et procédé destinés au transport d'un objet à l'aide d'un composant d'application

Publication

EP 2062839 A3 20111116 (DE)

Application

EP 08169292 A 20081117

Priority

DE 102007055671 A 20071121

Abstract (en)

[origin: EP2062839A2] The device has a supporting component (1) carrying an object i.e. stack of mail flat items, where the supporting component moves in advancing direction (Z) towards a processing device i.e. singularizing device. A displacing component moves the supporting component transversely or obliquely to the advancing direction through a slot (6). An activating component activates the displacing component to move the supporting component through the slot and causes a lateral boundary (11) to sweep the object arranged on the supporting component and a base (10) of the processing device. Independent claims are also included for the following: (1) a processing system comprising a base (2) a method for advancing an object to a processing device.

IPC 8 full level

B65H 1/02 (2006.01); **B65H 1/26** (2006.01); **B65H 1/30** (2006.01)

CPC (source: EP US)

B65H 1/025 (2013.01 - EP US); **B65H 1/027** (2013.01 - EP US); **B65H 1/30** (2013.01 - EP US); B65H 2301/422542 (2013.01 - EP US); B65H 2301/42265 (2013.01 - EP US); B65H 2405/214 (2013.01 - EP US); B65H 2701/1916 (2013.01 - EP US)

Citation (search report)

- [XP] WO 2008000759 A1 20080103 - SIEMENS AG [DE], et al
- [A] US 5947468 A 19990907 - MCKEE KENNETH A [US], et al
- [A] US 2003052444 A1 20030320 - LUEBBEN HAUKE [DE], et al
- [A] US 4046370 A 19770906 - NAVI MENASHE

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 2062839 A2 20090527; **EP 2062839 A3 20111116**; DE 102007055671 A1 20090528; US 2009127069 A1 20090521

DOCDB simple family (application)

EP 08169292 A 20081117; DE 102007055671 A 20071121; US 27560908 A 20081121