Title (en)
Method and device for combining two flows of objects

Title (de)
Verfahren und Vorrichtung zum Zusammenführen von zwei Strömen von Gegenständen

Title (fr)
Procédé et dispositif de réunion de deux flux d'objets

Publication
EP 2065325 A3 20110427 (DE)

Application
EP 08170235 A 20081128

Priority
DE 102007057497 A 20071129

Abstract (en)
[origin: EP2065325A2] The method involves passing precursory and adjacent postal items (Ps-1, Ps-2), which are transported on a discharging transport path, in a read transport path. The postal items are positioned over each other before reaching intersection such that the postal items partially overlap in a transport direction (T). The postal items are transported up to the intersection in the overlapped condition, and are introduced between a postal item (Ps-3) and a small stack (St-1) in the read transport path. The postal items are redirected on the read transport path. An independent claim is also included for a device for transporting two flows of objects.

IPC 8 full level
B65H 29/12 (2006.01)

CPC (source: EP US)
B65H 29/12 (2013.01 - EP US); B65H 29/6609 (2013.01 - EP US); B65H 2301/44514 (2013.01 - EP US); B65H 2301/4454 (2013.01 - EP US); B65H 2404/2691 (2013.01 - EP US); B65H 2511/13 (2013.01 - EP US); B65H 2701/1916 (2013.01 - EP US)

Citation (search report)
- [XY] EP 0923997 A2 19990623 - ELSAG SPA [IT]
- [Y] DE 10350352 B3 20050113 - SIEMENS AG [DE]
- [YD] EP 0915051 B1 20020703 - SIEMENS AG [DE]
- [Y] US 7004396 B1 20060228 - QUINE DOUGLAS B [US], et al
- [Y] US 6435331 B1 20020820 - OLSON JACK E [US], et al
- [X] EP 1197456 A1 20020417 - GRAPHA HOLDING AG [CH]
- [A] DE 102004056696 A1 20060608 - SIEMENS AG [DE]
- [A] EP 0654309 A1 19950524 - FINMECCANICA SPA [IT]
- [A] DE 3723259 A1 19890126 - LICENTIA GMBH [DE]

Cited by
DE102010044059A1; WO2012066066A1; DE102010063211A1; WO2011070031A1; DE102011004091A1; WO2012110412A1

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 2065325 A2 20090603; EP 2065325 A3 20110427; DE 102007057497 A1 20090610; US 2009146364 A1 20090611

DOCDB simple family (application)
EP 08170235 A 20081128; DE 102007057497 A 20071129; US 32564308 A 20081201