Title (en)
   Method for separating printed products out of a stack

Title (de)
   Verfahren zum Vereinzeln von Druckprodukten aus einem Stapel

Title (fr)
   Procédé d'isolation de produits d'impression à partir de piles

Publication
   EP 2336059 B1 20140820 (DE)

Application
   EP 09180015 A 20091218

Priority
   EP 09180015 A 20091218

Abstract (en)
   [origin: EP2336059A1] The device (1) has a displacing device (5) that separates printed products, and a removing device (4) for conveying away the separated products. The displacing device and the removing device comprises rotating drives (42, 43) independent from each other. The displacing device is arranged below a magazine (3) that accommodates a stack of the printed products. A driver (18) is fastened to a displacing table (7), and a vacuum opening (19) is arranged in the table. The opening is connected with a vacuum source (80). A quick-switching valve (79) is arranged between the opening and the source. An independent claim is also included for a method for separating printed products from a stack.

IPC 8 full level
   B65H 3/12 (2006.01); **B65H 3/24** (2006.01); **B65H 5/06** (2006.01); **B65H 7/18** (2006.01)

CPC (source: EP US)
   B65H 3/122 (2013.01 - EP US); **B65H 3/24** (2013.01 - EP US); **B65H 5/062** (2013.01 - EP US); **B65H 7/18** (2013.01 - EP US);
   B65H 2403/532 (2013.01 - EP US); B65H 2404/1441 (2013.01 - EP US); B65H 2404/152 (2013.01 - EP US); B65H 2511/11 (2013.01 - EP US);
   B65H 2511/20 (2013.01 - EP US); B65H 2511/224 (2013.01 - EP US); B65H 2513/10 (2013.01 - EP US); B65H 2513/11 (2013.01 - EP US);
   B65H 2513/20 (2013.01 - EP US); B65H 2513/512 (2013.01 - EP US); B65H 2515/32 (2013.01 - EP US); B65H 2515/34 (2013.01 - EP US);
   B65H 2557/242 (2013.01 - EP US)

Cited by
   EP3190072A1; US10202247B2

Designated contracting state (EPC)
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DOCDB simple family (publication)
   EP 2336059 A1 20110622; **EP 2336059 B1 20140820**; CN 102101598 A 20110622; CN 102101598 B 20160316; EP 2740695 A1 20140611;
   EP 2740695 B1 20170726; JP 2011126715 A 20110630; JP 5794660 B2 20151014; US 2011150621 A1 20110623; US 8690151 B2 20140408

DOCDB simple family (application)
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