

Title (en)
PAPER SHEET TAKING-OUT DEVICE

Title (de)
PAPIERBOGENENTNAHMEVORRICHTUNG

Title (fr)
DISPOSITIF D'EXTRACTION DE FEUILLE DE PAPIER

Publication
EP 2143676 A4 20111207 (EN)

Application
EP 08710526 A 20080303

Priority
• JP 2008000423 W 20080303
• JP 2007117323 A 20070426

Abstract (en)
[origin: EP2143676A1] [Problem] To provide a sheet take-out apparatus for stabilizing a sheet take-out operation and enhancing a processing efficiency. [Solving Means] A suction structure 60, among a plurality of postal matter P inserted via an insertion portion 2, for sucking postal matter P at a leading edge in a moving direction to a take-out position 20 has a plurality of holes different in an opening area in a conveying guide 13 arranged along the take-out position 20. The absorbing holes of the conveying guide 13 become wider in the opening area in the ascending order of locations.

IPC 8 full level
B65H 3/12 (2006.01); **B65H 1/02** (2006.01); **B65H 7/16** (2006.01)

CPC (source: EP KR US)
B65H 1/02 (2013.01 - KR); **B65H 1/025** (2013.01 - EP US); **B65H 3/10** (2013.01 - KR); **B65H 3/12** (2013.01 - KR); **B65H 3/124** (2013.01 - EP US); **B65H 7/16** (2013.01 - EP US); **B65H 2511/214** (2013.01 - EP US); **B65H 2511/51** (2013.01 - EP US); **B65H 2511/515** (2013.01 - EP US); **B65H 2515/20** (2013.01 - EP US); **B65H 2701/1916** (2013.01 - EP US)

Citation (search report)
• [XA] EP 0087341 A2 19830831 - HOTCHKISS BRANDT SOGEME [FR]
• [XA] EP 0562954 A1 19930929 - CGA HBS [FR]
• See references of WO 2008136167A1

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

DOCDB simple family (publication)
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EP 08710526 A 20080303; JP 2007117323 A 20070426; JP 2008000423 W 20080303; KR 20097022219 A 20080303; US 60548809 A 20091026