

Title (en)

Device for forming and removing stacks of sheets, with a separator belt

Title (de)

Vorrichtung zum Bilden und Abfördern von Bogenstapeln mit einem Trennband

Title (fr)

Dispositif pour former et enlever des piles de feuilles, avec une bande séparatrice

Publication

EP 1340705 A3 20040721 (DE)

Application

EP 03000901 A 20030116

Priority

DE 10208309 A 20020227

Abstract (en)

[origin: EP1340705A2] The manipulating device includes a separation mechanism which is adapted to be moved into a stack repository (1) while a sheet stack (3) is conveyed away from the stack repository. The separation mechanism includes a belt (17). An Independent claim is also included for a method for separating stacks of sheets in a device for forming sheet stacks in a stack repository and for conveying the sheet stacks away from the stack repository.

IPC 1-7

B65H 31/32

IPC 8 full level

B65H 29/38 (2006.01); **B65H 3/50** (2006.01); **B65H 31/32** (2006.01)

CPC (source: EP US)

B65H 31/32 (2013.01 - EP US); **B65H 2404/257** (2013.01 - EP US); **B65H 2405/323** (2013.01 - EP US)

Citation (search report)

- [Y] US 5669755 A 19970923 - ZAHN ERICH MICHAEL [DE]
- [DY] DE 19849859 A1 20000504 - WILL E C H GMBH & CO [DE]
- [A] DE 2725267 B1 19781109 - BIELOMATIK LEUZE & CO
- [L] EP 1400473 A1 20040324 - AGFA GEVAERT [BE]
- [XY] PATENT ABSTRACTS OF JAPAN vol. 004, no. 092 (M - 018) 3 July 1980 (1980-07-03)

Cited by

EP1652802A3; EP1568639A1; EP2759505A1; AU2014200273B2; US8910935B2; EP1652802A2

Designated contracting state (EPC)

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DOCDB simple family (publication)

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DOCDB simple family (application)

EP 03000901 A 20030116; AU 2003200648 A 20030221; CA 2419679 A 20030221; CN 03107050 A 20030226; DE 10208309 A 20020227; JP 2003048610 A 20030226; US 37452703 A 20030227; ZA 200301293 A 20030218