Title (en)
LOADING AND UNLOADING DEVICE FOR FOLDED PRODUCTS

Publication
EP 0190641 A3 19880330 (DE)

Application
EP 86101068 A 19860127

Priority
DE 3504085 A 19850207

Abstract (en)
[origin: US4662620A] To provide for transfer of folded products, such as folded printed sheets received from a printing machine, between storage bins and a conveyor transport system, transport sheets which, at least in part, are magnetizable, are retained in the storage bins; a transfer element (9) in form of an endless elongated belt or the like has electromagnets secured thereto which are selectively energized to pick up the transfer sheets. The transfer element or belt is guided in a path past a delivery end (7") of a storage holder, then into the path of the transport system (2, 3) for transfer of folded products (1) from or to the sheets, and return of the sheets to a receiving end of the storage bin, at which point the magnets are deenergized to release the sheets into the bin, and can continue to travel-while deenergized-in an endless path for subsequent pick-up of sheets.

IPC 1-7
B65H 5/32; B65H 29/00; B65H 3/16

IPC 8 full level
B65H 31/24 (2006.01); **B65H 3/16** (2006.01); **B65H 5/26** (2006.01); **B65H 5/30** (2006.01); **B65H 5/32** (2006.01); **B65H 29/00** (2006.01); **B65H 29/04** (2006.01); **B65H 83/00** (2006.01)

CPC (source: EP US)
B65H 5/32 (2013.01 - EP US); **B65H 29/00** (2013.01 - EP US); B65H 2301/3221 (2013.01 - EP US); B65H 2301/323 (2013.01 - EP US); Y10S 271/901 (2013.01 - EP US)

Citation (search report)
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- [AP] EP 0169490 A1 19860129 - ROLAND MAN DRUCKMASCH [DE]

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Designated contracting state (EPC)
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DOCDB simple family (publication)
EP 0190641 A2 19860813; **EP 0190641 A3 19880330**; **EP 0190641 B1 19890531**; DE 3504085 A1 19860807; DE 3504085 C2 19870129; DE 3663650 D1 19890706; JP H0629094 B2 19940420; JP S6231625 A 19870210; US 4662620 A 19870505

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EP 86101068 A 19860127; DE 3504085 A 19850207; DE 3663650 T 19860127; JP 2223886 A 19860205; US 82655986 A 19860206