

Title (en)

Device for lifting folded print shop products from a conveying device

Title (de)

Vorrichtung zum Abheben von gefalzten Druckereiprodukten von einer Fördereinrichtung

Title (fr)

Dispositif destiné au décollage de produits d'impression à partir d'un convoyeur

Publication

EP 1790604 A1 20070530 (DE)

Application

EP 06405474 A 20061109

Priority

CH 18652005 A 20051123

Abstract (en)

The installation has a lifting device (5) e.g. wire frame, positioned on a leading side of a saddle (2), where the saddle is provided for conveyance of a printed product (1). An upper edge (10) of the lifting device extends parallel to a support shoulder (3) along an entire length of the upper edge. The saddle is suspended in a conveyor track by supports (27), and conveyed based upon a rotating conveyor track through a gathering system by a chain. A frame end (7) serves as a control element by shifting the device as required against a force of a resetting spring (8). An independent claim is also included for a method for the operation of the installation for the lifting of folded printed products.

IPC 8 full level

B65H 3/26 (2006.01); **B42C 1/00** (2006.01); **B42C 1/12** (2006.01); **B65H 5/32** (2006.01); **B65H 39/00** (2006.01)

CPC (source: EP US)

B42C 1/12 (2013.01 - EP US); **B65H 3/26** (2013.01 - EP US); **B65H 39/00** (2013.01 - EP US); **B65H 2301/436** (2013.01 - EP US); **B65H 2301/44712** (2013.01 - EP US)

Citation (search report)

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- [ADX] CH 683767 A5 19940513 - GRAPHIA HOLDING AG
- [ADX] EP 0218804 A1 19870422 - FERAG AG [CH]
- [ADX] EP 0202507 A2 19861126 - HARRIS GRAPHICS CORP [US]

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC NL PL PT RO SE SI SK TR

Designated extension state (EPC)

AL BA HR MK YU

DOCDB simple family (publication)

EP 1790604 A1 20070530; CA 2568662 A1 20070523; US 2007114710 A1 20070524; US 7628390 B2 20091208

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