

Title (en)

Device for separating sheets from a stack of sheets

Title (de)

Vorrichtung zum Vereinzeln von Bogen eines Bogenstapels

Title (fr)

Dispositif pour séparer des feuilles d'une pile de feuilles

Publication

**EP 0620174 B1 19981111 (DE)**

Application

**EP 94104251 A 19940318**

Priority

DE 4312476 A 19930416

Abstract (en)

[origin: EP0620174A1] In a device for continuously separating sheets of a sheet pile from a stacking magazine having a suction element which in each case grips the sheet to be separated in the region of a leading edge and tilts it away from the sheet pile, having a gripper mechanism to receive the tilted sheet and draw it off the sheet pile, having a front stop of the stacking magazine, possibly with separating tips, and having a pile lifter which can be driven below the front region of the sheet pile and supports the latter, provision is made, for reliable separation of the printed sheets, for a stop part (7, 7a) to be assigned to the front stop (3), which stop part acts on a sheet following the tilted sheet (1a) and can be moved back in temporal co-ordination with the movement of the suction element (5) in the sense of releasing the sheet (1a), to be tilted in each case, from the stop part (7, 7a). <IMAGE>

IPC 1-7

**B65H 3/08**

IPC 8 full level

**B42B 9/00** (2006.01); **B65H 3/08** (2006.01)

CPC (source: EP US)

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US5927704A; EP1160186A3; WO2013033966A1; US6601844B2

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**EP 0620174 A1 19941019; EP 0620174 B1 19981111**; DE 4312476 A1 19941020; DE 59407250 D1 19981217; JP H0732761 A 19950203; US 5535998 A 19960716

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