

Title (en)  
DEVICE FOR SEPARATING SHEETS IN A PILE

Title (de)  
VORRICHTUNG ZUM VEREINZELN VON BLATTGUT AUS EINEM STAPEL

Title (fr)  
DISPOSITIF POUR SEPARER DES FEUILLES D'UNE PILE DE FEUILLES

Publication  
**EP 0946402 B1 20011114 (DE)**

Application  
**EP 97953891 A 19971219**

Priority  
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• EP 9707206 W 19971219

Abstract (en)  
[origin: US6267372B1] The apparatus has an input pocket into which a stack of sheets is inserted. At least the sheet to be picked from the stack by the picking device is transported by means of a feed device to a picking device which then picks one sheet from the stack at a time. To improve singling quality, a presingling device is provided which first transports only part of the stack to the picking device. In order to ensure that stacks of different-sized sheet material are singled reliably, an aligning device is provided which transports at least the sheet to be picked from the stack in the direction of a defined stop and thus aligns the sheet against said stop. The aligning device preferably cooperates alternately with the feed device. To increase singling reliability, a pressure plate is provided in the presingling device for acting upon the presingled partial stack with a certain pressure.

IPC 1-7  
**B65H 9/16**; **B65H 3/04**

IPC 8 full level  
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CPC (source: EP US)  
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Cited by  
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**US 6267372 B1 20010731**; AT E208738 T1 20011115; AU 5762498 A 19980717; DE 19653424 A1 19980625; DE 59705416 D1 20011220; EP 0946402 A1 19991006; EP 0946402 B1 20011114; RU 2189346 C2 20020920; WO 9828212 A1 19980702

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