

Title (en)  
Device for separating piled printed products

Title (de)  
Einrichtung zum Vereinzeln gestapelter Druckereiprodukte

Title (fr)  
Dispositif pour séparer des produits imprimés empilés

Publication  
**EP 0863099 B1 20011121 (DE)**

Application  
**EP 98101023 A 19980122**

Priority  
CH 50897 A 19970304

Abstract (en)  
[origin: EP0863099A1] The separating device has holding elements (28) formed into hook grip elements (26), which are driven by a drive device (44) in a plane at a right angle to the stack (16). On the transfer sector (46), the cantilever arm (36) of the hook grip element comes against the gutter of the outermost printed product (14). The hook grip element is then guided on the printed product towards a stop, until the hook gap (38) has gripped the gutter. Up to the transfer point, the direction of motion of the hook grip element has one component acting towards the stop and another acting away from it.

IPC 1-7  
**B65H 29/04**

IPC 8 full level  
**B65H 29/04** (2006.01)

CPC (source: EP US)  
**B65H 29/003** (2013.01 - EP US); **B65H 83/02** (2013.01 - EP US); **B65H 2301/44712** (2013.01 - EP US); **B65H 2301/4474** (2013.01 - EP US)

Cited by  
EP1834913A1; US7703760B2; WO2012034242A1

Designated contracting state (EPC)  
CH DE GB LI SE

DOCDB simple family (publication)  
**EP 0863099 A1 19980909; EP 0863099 B1 20011121**; AU 5644798 A 19980910; AU 724064 B2 20000914; CA 2231088 A1 19980904; CA 2231088 C 20050524; DE 59802186 D1 20020103; US 6003854 A 19991221

DOCDB simple family (application)  
**EP 98101023 A 19980122**; AU 5644798 A 19980303; CA 2231088 A 19980303; DE 59802186 T 19980122; US 2733198 A 19980220