

Title (en)
Device for separating printing plates

Title (de)
Einrichtung zur Vereinzelung von Druckplatten

Title (fr)
Dispositif pour séparer des plaques d'impression

Publication
EP 1695931 A1 20060830 (DE)

Application
EP 06114361 A 20011222

Priority
• EP 01130773 A 20011222
• DE 10104078 A 20010129

Abstract (en)
The system for separating unexposed printing plates (1) from a stack for automatic feeding to an exposure unit comprises a separating plate (3) with suction cups (4, 5) which is applied to the top plate. The central cups (5) are then raised to bend the plate and air is blown in to lift it. An independent claim is included for a method for separating unexposed printing plates from a stack.

IPC 8 full level
B65H 3/08 (2006.01); **G03F 7/20** (2006.01); **B65H 3/00** (2006.01); **B65H 3/48** (2006.01)

CPC (source: EP US)
B65H 3/0833 (2013.01 - EP US); **B65H 3/48** (2013.01 - EP US); **B65H 2701/1928** (2013.01 - EP US)

Citation (search report)
• [X] EP 0436892 A2 19910717 - FUJI PHOTO FILM CO LTD [JP]
• [X] US 3997153 A 19761214 - BRITT RONALD HOWARD, et al
• [X] WO 0076899 A1 20001221 - HONEYWELL INT INC [US], et al
• [X] DE 4210024 A1 19930930 - KRAUSE BIAGOSCH GMBH [DE]

Designated contracting state (EPC)
BE DE FR GB

DOCDB simple family (publication)
US 2002101027 A1 20020801; **US 6739588 B2 20040525**; DE 10104078 A1 20020801; DE 50111270 D1 20061130; DE 50115149 D1 20091112; EP 1232976 A2 20020821; EP 1232976 A3 20040102; EP 1232976 B1 20061018; EP 1695931 A1 20060830; EP 1695931 B1 20090930; JP 2002316737 A 20021031

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