

Title (en)
DUCT BLADE INKING DEVICE

Publication
EP 0359959 A3 19900912 (DE)

Application
EP 89114329 A 19890803

Priority
DE 3832160 A 19880922

Abstract (en)
[origin: JPH02113942A] PURPOSE: To simply and rapidly replace a plurality of individual chambered doctor blades by providing two side supports for pins at holding protrusion adjacent to an anilox roller, and disposing a clamping member for press bonding the pin to the support face. CONSTITUTION: In the case of desiring to replace chambered doctor blade 1, a manual lever 23 is moved in a direction of an arrow (a). Thus, a clamping force operating at a clamping strip piece 5 is vanished. A support 4 is slightly rotated in a direction of an arrow (b) at an axis of a pin 7 as a center together with the blade 1, and a pin 6 is brought into contact with a stopper surface 15. And, the blade 1 is slightly separated from an anilox roller 2. Further, a clamping member 22 has a chamfered part 25 corresponding to the piece 5 to specify the replacing position. The blade 1 is moved together with the support 4, the pin 7 is raised on the support 17, moved in a direction of an arrow (c), and the pins 6, 7 are removed from holding protrusions 12, 13.

IPC 1-7
B41F 31/02

IPC 8 full level
B41F 31/06 (2006.01); **B41F 31/02** (2006.01); **B41F 31/08** (2006.01)

CPC (source: EP US)
B41F 31/027 (2013.01 - EP US)

Citation (search report)
• [A] EP 0071180 A1 19830209 - WINDMOELLER & HOELSCHER [DE]
• [A] US 2688919 A 19540914 - KAISER FRANK F

Cited by
EP1034925A1; US6530323B2; EP0567906A1; EP1466733A3; EP0567908A1; US6526884B1

Designated contracting state (EPC)
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