

Title (en)  
DOCTOR-BLADE DEVICE FOR INKING UNIT IN A FLEXOGRAPHIC PRINTING MACHINE

Title (de)  
RAKELVORRICHTUNG FÜR EIN FARBWERK IN EINER FLEXODRUCKMASCHINE

Title (fr)  
RACLE POUR GROUPE ENCREUR DANS UNE IMPRIMANTE FLEXOGRAPHIQUE

Publication  
**EP 2082877 A4 20110921 (EN)**

Application  
**EP 07823012 A 20071025**

Priority  
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• ES 200602914 A 20061116

Abstract (en)  
[origin: EP2082877A1] The doctor-blade device for an inking unit in a flexographic printing machine comprises a removable body (15) securable to a base body (21) by securing means (20). The removable body (15) defines a chamber-forming surface (2) facing an inking roller (5) and it supports two bands (3, 4) and lateral sealing means (11, 12) arranged to flank said chamber-forming surface (2) in order to make dynamic sailing contact with said inking roller (5) in a working position, forming a chamber. On the chamber-forming surface (2) of the removable body (15) there are open inlet and outlet ports (7) that can be connected to ink-circulation means for feeding ink into and out of said chamber (6). The removable body (15) is preferably made from plastic and is configured and arranged to be disposed of together with the bands (3, 4) when the bands (3, 4) need to be replaced after use.

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

CPC (source: EP ES)  
**B41F 31/027** (2013.01 - EP ES); **B41P 2200/12** (2013.01 - EP)

Citation (search report)  
• [AD] WO 9634751 A1 19961107 - WINDMOELLER & HOELSCHER [DE], et al  
• [A] WO 8907047 A1 19890810 - TRESU AS [DK]  
• [A] US 6293195 B1 20010925 - ALLISON JR THOMAS K [US]  
• See also references of WO 2008059079A1

Cited by  
CN105058981A

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