

Title (en)  
PRINTING UNIT

Title (de)  
DRUCKEINHEIT

Title (fr)  
UNITE IMPRIMANTE

Publication  
**EP 1250228 B1 20030924 (DE)**

Application  
**EP 00991084 A 20001216**

Priority  

- DE 0004501 W 20001216
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Abstract (en)  
[origin: WO0154905A1] A printing unit has two screen printing cylinders (12, 17) and a printing gap (14) formed by two cylinders (9, 16). At least the second cylinder of the two cylinders that form the printing gap is a transfer cylinder which co-operates with the second screen printing cylinder. A screen printing cylinder for the printing unit has a screen (23), a doctoring device which is situated radially inside said screen and a support element (36) which extends axially on the screen printing cylinder in the area of a limited peripheral section and which is used for sustaining a pressure exerted radially, outwards on the screen by the doctoring device when the limited peripheral section passes in front of said doctoring device.

IPC 1-7  
**B41F 15/08**

IPC 8 full level  
**B41F 15/08** (2006.01); **B41F 15/22** (2006.01); **B41F 15/44** (2006.01)

CPC (source: EP US)  
**B41F 15/0809** (2013.01 - EP US)

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AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE TR

DOCDB simple family (publication)  
**WO 0154905 A1 20010802**; AT E250500 T1 20031015; BR 0017011 A 20021022; CN 1193875 C 20050323; CN 1424965 A 20030618; EP 1250228 A1 20021023; EP 1250228 B1 20030924; JP 2003520708 A 20030708; RU 2229387 C2 20040527; US 2003010230 A1 20030116; US 6655270 B2 20031202

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**DE 0004501 W 20001216**; AT 00991084 T 20001216; BR 0017011 A 20001216; CN 00818644 A 20001216; EP 00991084 A 20001216; JP 2001554870 A 20001216; RU 2002122989 A 20001216; US 18142702 A 20020725