

Title (en)  
DAMPING UNIT FOR AN OFFSET PRINTING MACHINE

Publication  
**EP 0296393 B1 19920304 (DE)**

Application  
**EP 88108848 A 19880603**

Priority  
• DE 3720986 A 19870625  
• DE 3813829 A 19880423

Abstract (en)  
[origin: EP0296393A2] In order to achieve a clear printed image which is, in particular, free from so-called "gear marks", the metering roller in a damping mechanism for an offset printing machine having a pair of rollers comprising an applicator roller and a metering roller driven is driven by a gear wheel which engages with a driving gear in a gear train, the applicator roller being driven exclusively by friction and braking moments acting on the applicator roller being compensated to such an extent by such a high circumferential speed of the metering roller relative to an associated plate cylinder that the applicator roller, in a continuous printing position of the damping mechanism, rotates with a circumferential speed which is in the order of 0.5 to 2.0% lower than the circumferential speed of the plate cylinder.

IPC 1-7  
**B41F 7/26**

IPC 8 full level  
**B41F 7/24** (2006.01); **B41F 7/26** (2006.01); **B41F 7/32** (2006.01); **B41F 7/40** (2006.01)

CPC (source: EP US)  
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EP0345716A3

Designated contracting state (EPC)  
AT CH DE ES FR GB IT LI NL SE

DOCDB simple family (publication)  
**EP 0296393 A2 19881228; EP 0296393 A3 19900207; EP 0296393 B1 19920304**; AT E73047 T1 19920315; AU 1841588 A 19890105; AU 4010389 A 19900405; AU 597835 B2 19900607; AU 620905 B2 19920227; CA 1316041 C 19930413; DE 3813829 A1 19890105; DE 3813829 C2 19920312; DE 3868709 D1 19920409; DK 329288 A 19881226; DK 329288 D0 19880616; ES 2030461 T3 19921101; JP 2616965 B2 19970604; JP S6434737 A 19890206; US 4962705 A 19901016

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