

Title (en)  
DAMPING UNIT FOR AN OFFSET PRINTING MACHINE

Publication  
**EP 0296394 B1 19920304 (DE)**

Application  
**EP 88108849 A 19880603**

Priority  
• EP 88108849 A 19880603  
• DE 3720986 A 19870625

Abstract (en)  
[origin: US5101724A] Dampening unit for an offset printing machine includes a metering roller, a dampening form roller for applying dampening medium to a plate cylinder of the printing machine, the metering roller and the form roller being in mutually pressing engagement at a contact zone along respective axially parallel lines on respective casings of the rollers, a drive for rotating the metering roller and the form roller with circumferential speeds which are substantially in a downward direction in vicinity of the contact zone, a storage space for dampening medium located above the contact zone and defined by surfaces of the casings of the metering roller and the form roller and sealing elements located at respective ends of the metering roller and the form roller, and a traversing distributor roller disposed in direct friction contact with the metering roller.

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

IPC 8 full level  
**B41F 7/26** (2006.01)

CPC (source: EP US)  
**B41F 7/26** (2013.01 - EP US); **Y10S 101/38** (2013.01 - EP US)

Cited by  
EP0427403A3; FR2646635A1; US5694846A; US5182989A; EP0517462A1; US5619920A; US5713282A

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

DOCDB simple family (publication)  
**US 5101724 A 19920407**; AT E73048 T1 19920315; DK 329388 A 19881226; DK 329388 D0 19880616; EP 0296394 A2 19881228; EP 0296394 A3 19900131; EP 0296394 B1 19920304; ES 2030462 T3 19921101; FR 2617089 A1 19881230; GB 2208626 A 19890412; GB 8814878 D0 19880727

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