

Title (en)  
Damping unit for an offset printing machine

Title (de)  
Feuchtwerk für eine Offsetdruckmaschine

Title (fr)  
Dispositif de mouillage pour une machine à imprimer en offset

Publication  
**EP 0761431 B1 19991027 (DE)**

Application  
**EP 96110863 A 19960705**

Priority  
DE 19529204 A 19950809

Abstract (en)  
[origin: US5743183A] A dampening unit for an offset printing machine having a plate cylinder which carries a printing form and which is operatively connected to applicator rollers of an inking unit and of a dampening unit. To improve the print quality appreciably by means of uniform, fault-free feed of dampening medium to the plate cylinder, particularly during the processing of special inks having relatively high metallic pigment components, a dampening applicator roller receives a feed of dampening medium upstream of the contact point with the plate cylinder, and a first auxiliary roller receives dampening medium from the dampening applicator roller and a second auxiliary roller receives printing ink from the dampening applicator roller with the plate cylinder at contact points with the dampening medium applicator roller downstream of this contact point for the dampening applicator roller.

IPC 1-7  
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IPC 8 full level  
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