

Title (en)  
INKING SYSTEM FOR FLEXOGRAPHY PRINTING PLATES

Publication  
**EP 0224235 A3 19890412 (EN)**

Application  
**EP 86116291 A 19861124**

Priority  
• ES 549370 A 19851128  
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Abstract (en)  
[origin: EP0224235A2] Inking system for flexography printing plates, for the inking of curved printing plates assembled on the carrying roller placed between an inking roller assembly and a backup roller, characterized in that it comprises an inking roller assembly in which a first roller has a reticulated surface serving the aim to pick up the ink from a container in which said first roller is partially submerged, said first roller engaging in tangency the surface of the second roller, which is soft in its surface, having the possibility of adjusting the pressure in the tangency point of both rollers which are mounted on the same displaceable support which carries as well the third roller of the assembly, which surface is smooth.  
[origin: EP0224235A2] An inking system for flexographic printing plates has a first roller (11) which has a reticulated surface. This is immersed in the ink. A second roller (12) has a soft surface and is engaged by the first roller with variable pressure. A third roller (13) has a smooth surface. The third roller is pref. hard and smooth and is mounted on a support for displacement relative to the other two rollers. The peripheral length of the third roller coincides with the peripheral length of the printing plate roller (3) when carrying the printing plate (5). The density of lines on the reticulated roller is pref. 100 lines/cm. The ink layer thickness is controlled by varying the relative speeds and direction of rotation of the rollers and their contact pressure. -

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