

Title (en)

Doctor blade for intaglio printing machine, method and apparatus for manufacturing same

Title (de)

Rakel für Tiefdruck-Rotationsmaschinen sowie Verfahren und Vorrichtung zu deren Herstellung

Title (fr)

Râcle pour machine d'impression en creux, procédé et dispositif pour sa fabrication

Publication

EP 0728579 B1 19980527 (DE)

Application

EP 95102802 A 19950227

Priority

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Abstract (en)

[origin: EP0728579A1] The steel scraper (1) has about 10% of its surface treated anodically to reduce the current consumption and heating. The treated area is characterised by pits or caps formed while an endless band passes through an electrolyte-filled gap between plate cathodes, and under an anode roller. The blade (2) is kept free from burrs or notches while the treated area is surrounded by a laminar flow of electrolyte. The DC voltage between the anode and cathodes is maintained at pref. 4 to 10 v, and the current is pref. between 100 and 200 A.

IPC 1-7

B41F 9/10

IPC 8 full level

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CPC (source: EP)

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Cited by

EP0908309A1; CN106892487A; US6155167A; EP1092535A1; EP1349986B2

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