

Title (en)  
ELECTROSTATIC ARRANGEMENT FOR ROTOGRAVURE AND FLEXOGRAPHIC PRINTING

Title (de)  
ELEKTROSTATISCHE ANORDNUNG FÜR EIN TIEF- UND FLEXODRUCKWERK

Title (fr)  
DISPOSITIF ELECTROSTATIQUE POUR ROTOGRAVURE ET FLEXOGRAPHIE

Publication  
**EP 1034078 B2 20050817 (DE)**

Application  
**EP 97913072 A 19971127**

Priority  
CH 9700447 W 19971127

Abstract (en)  
[origin: WO9803049A2] An electrostatic aid for rotogravure and flexographic printing can be driven with a voltage electrode (5a) of substantially reduced dimensions while maintaining the printing quality at a high level. The voltage electrode (5a), which is connected to a high voltage source (8), can be rod-shaped or arc-shaped and contactless, or can be designed as a friction ring or electroconductive brush. The voltage electrode (5a) is preferably arranged at one end of the three-ply impression cylinder (1) or three-ply printing form cylinder (20). The special advantages of the arrangement are the substantially improved user friendliness and lower cost, including initial cost, in particular when retrofitting printers already in operation.

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IPC 8 full level  
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CPC (source: EP US)  
**B41F 5/24** (2013.01 - EP US); **B41F 9/001** (2013.01 - EP US)

Citation (opposition)  
Opponent :

- EP 0351504 B1 19920701
- JP S62244860 A 19871026 - INAHATA KENKYUSHO KK

Cited by  
DE102005048002B4; EP1772933A1

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**WO 9803049 A2 19980129**; **WO 9803049 A3 19981001**; AT E213997 T1 20020315; AU 5046098 A 19980210; DE 59706583 D1 20020411; EP 1034078 A2 20000913; EP 1034078 B1 20020306; EP 1034078 B2 20050817; ES 2173430 T3 20021016; ES 2173430 T5 20060216; US 2003066443 A1 20030410; US 6578478 B2 20030617

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