

Title (en)
APPARATUS FOR ELECTROPLATING PRINTING ROLLERS

Publication
EP 0082268 B1 19860326 (DE)

Application
EP 82109855 A 19821026

Priority
DE 3150469 A 19811219

Abstract (en)
[origin: EP0082268A1] 1. Apparatus for galvanizing a rotary printing cylinder (1) comprising a current-carrying rotary drive mechanism (3) coupled to a power source (41) through carbon brushes (6) and a slip ring (5) and to which the printing cylinder (1) is joined by means of an axial clamping element (9), with the printing cylinder, while rotating, being at least partially immersed in a galvanizing bath (25) as the cathode, characterized in that a current-carrying cylindrical sleeve (40) is positioned concentrically to the clamping element (9, 42) in front of the printing cylinder (1), which sleeve has its rear portion (40') provided with the slip ring (5), and that the sleeve (40) has its front side (45) contacting an annular contact member (43) under elastic tension exerted by the clamping element (9, 42), which contact member, in turn, contacts the front side (21) of the printing cylinder (1) directly, or, in order to compensate for different diameters of the sleeve (40) and of the printing cylinder (1), through a rotationally symmetrical intermediate member (60) and a further annular contact member (43').

IPC 1-7
C25D 7/04; C25D 17/00; H01R 39/00

IPC 8 full level
C25D 7/04 (2006.01); **C25D 17/00** (2006.01); **H01R 39/00** (2006.01); **H01R 39/64** (2006.01)

CPC (source: EP)
C25D 7/04 (2013.01); **C25D 17/005** (2013.01); **H01R 39/64** (2013.01)

Cited by
EP0168676A3; US8807030B2; US4659446A; DE19901765A1; DE19901765C2; EP0538113A1; FR2682525A1; EP0226011A1; US4693792A; CH666697A5; DE4236419C1; EP0596399A1; US5399248A; CN107513743A; WO2006005549A3

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

DOCDB simple family (publication)
EP 0082268 A1 19830629; **EP 0082268 B1 19860326**; AT E18779 T1 19860415; DE 3150469 A1 19830630; DE 3150469 C2 19850207

DOCDB simple family (application)
EP 82109855 A 19821026; AT 82109855 T 19821026; DE 3150469 A 19811219