

Title (en)

Conducting roll for a strip coating installation

Title (de)

Stromrolle für eine elektrolytische Bandbeschichtungsanlage

Title (fr)

Rouleau conducteur pour une installation de revêtement des bandes

Publication

EP 0915188 A2 19990512 (DE)

Application

EP 98120151 A 19981027

Priority

- DE 19747429 A 19971028
- DE 19804257 A 19980204

Abstract (en)

A current contact roller, for an electrolytic strip coating unit, comprises two cylindrical base components (2, 3) arranged side-by-side within and releasably attached to a roller sleeve (1). Independent claims are also included for: (i) a method of cooling the above current contact roller, in which cooling liquid is fed into (or discharged from) cooling channels (15) at the facing sides (9) of the base components (2, 3) and is discharged from (or fed into) the cooling channels (15) at the remote sides (10) of the base components (2, 3); and (ii) an acid resistant and electrically conductive (e.g. special steel) roller sleeve for the above current contact roller, in which a concentric inner ring (7) is provided (preferably welded) centrally to the sleeve inner wall (4)

Abstract (de)

Die vorliegende Erfindung betrifft eine Stromrolle für eine elektrolytische Bandbeschichtungsanlage, mit einer Rollenachse (6), wobei die Stromrolle aus einem Rollenmantel (1) mit einer Innenwand (4) und einer Außenwand (5) und zwei im wesentlichen zylinderförmigen, den Rollenmantel (1) ausfüllenden Grundkörpern (2, 3) mit Zylindermänteln (11), einander zugewandten (9) und voneinander abgewandten Seiten (10) besteht, wobei der Rollenmantel (1) und die Grundkörper (2, 3) lösbar miteinander verbunden sind. <IMAGE>

IPC 1-7

C25D 7/06

IPC 8 full level

C25D 7/06 (2006.01)

CPC (source: EP US)

C25D 7/0657 (2013.01 - EP US)

Designated contracting state (EPC)

AT BE DE ES FI FR GB IT LU NL PT SE

DOCDB simple family (publication)

US 6572517 B1 20030603; AT E269433 T1 20040715; BR 9804287 A 19991214; CA 2251119 A1 19990428; CN 1145719 C 20040414; CN 1227283 A 19990901; EP 0915188 A2 19990512; EP 0915188 A3 19990519; EP 0915188 B1 20040616; ES 2221108 T3 20041216; JP H11200089 A 19990727; TW 422895 B 20010221

DOCDB simple family (application)

US 17729998 A 19981022; AT 98120151 T 19981027; BR 9804287 A 19981027; CA 2251119 A 19981022; CN 98127125 A 19981027; EP 98120151 A 19981027; ES 98120151 T 19981027; JP 30541598 A 19981027; TW 87116587 A 19981007