

Title (en)

COATING METHOD FOR ELONGATED METAL BLANKS

Title (de)

BESCHICHTUNGSVERFAHREN LÄNGLICHER, METALLISCHER ROHLINGE

Title (fr)

PROCEDE DE REVETEMENT D'EBAUCHES METALLIQUES ALLONGEES

Publication

**EP 0973959 A2 20000126 (DE)**

Application

**EP 98922654 A 19980407**

Priority

- DE 19715208 A 19970411
- EP 9802000 W 19980407

Abstract (en)

[origin: WO9846806A2] The invention relates to a method based on superfinishing for coating elongated metal blanks. Said blanks have at least two axially aligned sections with varying cross-sections, wherein particles of a hard substance protruding from the surface of the coating are embedded into a metal lining in a chemical electroplating bath on the surface of a first segment provided with indentations or the like. The exposed surfaces of a second section remain substantially devoid of hard substance particles. A plurality of blanks is thus freely circulated in a rotating drum in a dispersion which is suspended in the electroplating liquid so that the hard substance particles adhering to the exposed surfaces can be removed once again by rubbing the blanks against each other.

IPC 1-7

**C23C 18/16**; **B25B 15/00**

IPC 8 full level

**B25B 15/00** (2006.01); **C23C 18/16** (2006.01); **C23C 18/52** (2006.01); **C25D 15/02** (2006.01)

CPC (source: EP US)

**B25B 15/002** (2013.01 - EP US); **C23C 18/1653** (2013.01 - EP US); **C23C 18/1662** (2013.01 - EP US); **C23C 18/32** (2013.01 - EP US)

Citation (search report)

See references of WO 9846806A2

Designated contracting state (EPC)

CH DE DK ES FR GB IT LI SE

DOCDB simple family (publication)

**WO 9846806 A2 19981022**; **WO 9846806 A3 19990311**; AU 7522698 A 19981111; CN 1121512 C 20030917; CN 1256718 A 20000614; DE 59801691 D1 20011115; DK 0973959 T3 20020211; EP 0973959 A2 20000126; EP 0973959 B1 20011010; ES 2162444 T3 20011216; JP 2001518981 A 20011016; JP 4094681 B2 20080604; US 6299750 B1 20011009

DOCDB simple family (application)

**EP 9802000 W 19980407**; AU 7522698 A 19980407; CN 98805149 A 19980407; DE 59801691 T 19980407; DK 98922654 T 19980407; EP 98922654 A 19980407; ES 98922654 T 19980407; JP 54343698 A 19980407; US 40287200 A 20000103