

Title (en)

APPARATUS FOR THE CONTINUOUS HOT DIP GALVANIZING OF METALLIC WIRE OR STRIP

Publication

EP 0080724 A3 19830824 (DE)

Application

EP 82111013 A 19821129

Priority

IT 359181 A 19811130

Abstract (en)

[origin: ES8402366A1] The material 3 to be coated with zinc is passed through a zinc melt bath 2 contained in a tub 1 and is kept immersed in said bath by a return guide member 5, at the downstream side of which the materials exits from the tub 1 in a substantially vertical direction. The return guide member 5 consists of a body of elongate shape extending transversely of the longitudinal direction of the tub 1. The return guide member 5 consists of a heat-resistant material which is resistant to temperatures of the order of at least 450 DEG C. to 500 DEG C., has zinc melt repellent properties and is corrosion-resistant under the attack of the zinc melt. It is of substantially pear-shaped cross-sectional configuration with its upper end formed so as to permit its being attached to a retainer clamp 8 in a dovetail connection. The clamp itself is adjustably connected to a transverse carrier structure mounted for pivotal movement about a horizontal axis 19. The lower portion of the return guide member 5 immersed in the bath 2 has a cross-sectional profile comprising a combination of concentrically arcuate guide surfaces 6 alternating with longitudinal grooves 7 extending over the full length of the return guide member 5.

IPC 1-7

C23C 1/14

IPC 8 full level

C23C 2/06 (2006.01); **C23C 2/36** (2006.01); **C23C 2/00** (2006.01)

CPC (source: EP US)

C23C 2/36 (2013.01 - EP US)

Citation (search report)

- [A] FR 2380350 A1 19780908 - NORMANDIE STE METALLURG [FR]
- [A] FR 2378102 A1 19780818 - INST ELEKTROSWARKI PATONA [SU]
- [A] DE 544071 C 19320213 - BERGMANN ELEKTRICITAET AG

Designated contracting state (EPC)

AT BE DE FR GB NL SE

DOCDB simple family (publication)

EP 0080724 A2 19830608; EP 0080724 A3 19830824; EP 0080724 B1 19860409; AT E19100 T1 19860415; DE 3270489 D1 19860515; ES 517785 A0 19840201; ES 8402366 A1 19840201; IT 1146535 B 19861112; IT 8103591 A0 19811130; JP S58110666 A 19830701; US 4509453 A 19850409

DOCDB simple family (application)

EP 82111013 A 19821129; AT 82111013 T 19821129; DE 3270489 T 19821129; ES 517785 A 19821129; IT 359181 A 19811130; JP 20836482 A 19821125; US 44563482 A 19821130