

Title (en)

Process for continuously coating a metallurgical product in continuous motion with an organic coating and apparatus therefor

Title (de)

Verfahren zum Beschichten von sich bewegenden metallurgischen Produkten mit einer organischen Beschichtung und Vorrichtung dafür

Title (fr)

Procédé d'application en continu d'un revêtement organique sur un produit métallurgique en défilement et dispositif pour sa mise en oeuvre

Publication

**EP 0842709 B1 20020327 (FR)**

Application

**EP 97402397 A 19971013**

Priority

FR 9613772 A 19961113

Abstract (en)

[origin: EP0842709A1] The method involves applying, for example, a resin product to a continuously moving steel strip (7) so it receives a coating from pick-up (4) and applicator (5) rollers. A current is generated in the liquid in front of the coating zone to drive any air bubbles to the surface so they burst. The coating apparatus consists of a bath (2) for the coating liquid (3) which is fed continuously down a sloping surface (1), while the current is created by a roller (8) which is partially immersed in the liquid and turns in the same direction as the pick-up roller and at a speed which is between 5 and 15 per cent of that of the steel strip.

IPC 1-7

**B05D 1/28**; **B05C 11/10**; **B05C 1/08**

IPC 8 full level

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CPC (source: EP US)

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