

Title (en)

Process for coating metal strips

Title (de)

Verfahren zum Beschichten eines metallischen Bandes

Title (fr)

Procédé de revêtement de bandes métalliques

Publication

**EP 0744222 B1 20010314 (FR)**

Application

**EP 96400929 A 19960430**

Priority

FR 9506141 A 19950523

Abstract (en)

[origin: EP0744222A1] After depositing a protective or decorative coating on a metallic tape (1), the tape is continuously passed through an induction furnace tunnel (2) having an external casing (4). The tunnel furnace has two sections each provided with cooled induction coils (5). The induction heating bakes the previously deposited coating on the tape and evaporates the solvents contained in the coating material. The solvents are continuously extracted from the furnace. Gas, generally air, is injected into the tunnel at a temperature greater than the dew point of the solvents. Thermal insulation (3) in each section of the sealed tunnel maintains the hot internal walls above the dew point.

IPC 1-7

**B05D 3/02**; F26B 3/34; F26B 23/02

IPC 8 full level

**B05D 3/02** (2006.01); **F26B 3/34** (2006.01); **F26B 23/02** (2006.01)

CPC (source: EP US)

**B05D 3/0281** (2013.01 - EP US); **F26B 3/343** (2013.01 - EP US); **F26B 23/022** (2013.01 - EP US)

Cited by

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