

Title (en)

METHOD AND DEVICE FOR CONTINUOUS HOT-DIP COATING A METAL STRIP

Title (de)

VERFAHREN UND VORRICHTUNG ZUR KONTINUIERLICHEN SCHMELZTAUCHBESCHICHTUNG EINES METALLBANDES

Title (fr)

PROCEDE ET DISPOSITIF DE METALLISATION PAR TREMPE A CHAUD EN CONTINU D'UNE BANDE METALLIQUE

Publication

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Application

**EP 12769740 A 20120822**

Priority

- IT MI20111544 A 20110824
- IB 2012054235 W 20120822

Abstract (en)

[origin: WO2013027179A1] A plant for coating a strip (5) by means of continuous hot dipping, comprising a containment tank (2) to contain molten zinc; a coating vessel (3) receiving the molten zinc, arranged above the containment tank and provided with an opening (4) on a bottom thereof for passing the strip; a chamber (6) arranged below the coating vessel and provided with guide rollers (7, 8) to guide the strip towards said opening; wherein the containment tank is arranged below the guide rollers so that chamber and containment tank form a single place, and wherein there is provided an intercepting and conveying system (9), arranged within the chamber, to intercept and convey the molten zinc leaking from said opening into the containment tank, said intercepting and conveying system being configured to bypass and wind the guide rollers and the strip being fed towards said opening.

IPC 8 full level

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