

Title (en)

Process of galvanizing a strip and arrangement for carrying out the process.

Title (de)

Verfahren zum Verzinken eines Bandes sowie Anlage zur Durchführung des Verfahrens.

Title (fr)

Procédé pour galvaniser un feuillard et installation pour la mise en oeuvre de ce procédé.

Publication

**EP 0564437 B1 19950920 (DE)**

Application

**EP 93890052 A 19930323**

Priority

AT 65392 A 19920331

Abstract (en)

[origin: EP0564437A1] In a process for galvanising a strip (1), the strip (1) is continuously coated with zinc, is then subjected, in order to form a Zn-Fe layer, to a heat treatment in a tunnel furnace (10, 11), followed by on-line inspection of the zinc layer, the galvanising process being controlled as a function of the zinc layer. In order to be able to produce a strip (1) having a defined coating structure while ensuring uniform quality, the through-reaction of the Zn-Fe layer is ascertained by measuring the radiation emission of the strip surface during or after the heat treatment by means of at least one pyrometer (14), and through-reaction at the position of the pyrometer is ensured by varying the tunnel furnace (10, 11) heat output which serves as the manipulated variable of a control process which proceeds as a function of the pyrometer indication (Figure 1). <IMAGE>

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CPC (source: EP US)

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