

Title (en)

PROCESS AND SYSTEM FOR THE CONTINUOUS TREATMENT OF A GALVANIZED STEEL STRIP

Title (de)

VERFAHREN UND VORRICHTUNG ZUR KONTINUIERLICHEN BEHANDLUNG EINES VERZINKTEN STAHLBANDES

Title (fr)

PROCEDE ET INSTALLATION DE TRAITEMENT CONTINU D'UNE BANDE D'ACIER GALVANISEE

Publication

**EP 0686209 B1 19980527 (FR)**

Application

**EP 95902008 A 19941213**

Priority

- BE 9400094 W 19941213
- BE 9301453 A 19931224

Abstract (en)

[origin: WO9518245A1] Following drying of the steel strip at the outlet of the zinc bath, the strip is rapidly heated to a temperature of 460-600 DEG C with a heating power density exceeding 180 kW/m<2> for each product face, for example by means of an induction oven at a frequency of 100-500 kHz. The band is held at a temperature substantially constant during a period of 10-30 seconds and is then rapidly cooled to a temperature of less than 420 DEG C with a cooling power density exceeding 100 kW/m<2> for each product face, for example by means of water/air spray nozzles.

IPC 1-7

**C23C 2/28**

IPC 8 full level

**C23C 2/28** (2006.01)

CPC (source: EP US)

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**WO 9518245 A1 19950706**; AT E166672 T1 19980615; BE 1007793 A6 19951024; DE 69410599 D1 19980702; DE 69410599 T2 19990121; EP 0686209 A1 19951213; EP 0686209 B1 19980527; ES 2118536 T3 19980916; JP H08511064 A 19961119; US 5628842 A 19970513

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