

Title (en)

Improvements in preheating metal strips, especially in galvanising or annealing lines

Title (de)

Verbesserungen beim Vorwärmen von Metallbändern, insbesondere in Verzinkungs- oder Glühanlagen

Title (fr)

Perfectionnements apportés au préchauffage de bandes métalliques notamment dans des lignes de galvanisation ou de recuit

Publication

EP 1134298 B1 20071010 (FR)

Application

EP 01400142 A 20010118

Priority

FR 0002990 A 20000308

Abstract (en)

[origin: EP1134298A1] A method for the preheating of metal strip uses a preheating zone that can be divided into a plurality of zones of unitary length each corresponding with a burner. Each burner can be controlled individually with a fixed regime in order to precisely adjust the air/gas regulation and thus the resultant atmosphere in the furnace. A certain number of burners in the downstream part of the preheating zone are lit, the length of the zone of the furnace affected by the lit burners and the length of the recuperation zone are varied as a function of the calorific demand and each burner functions at full power and with a constant air/gas regulation. An Independent claim is included for a furnace using this method for preheating metal strip.

IPC 8 full level

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CPC (source: EP KR US)

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