

Title (en)

DEVICE AND METHOD FOR CARRYING OUT CONTROLLED OXIDATION OF METAL STRIPS IN A CONTINUOUS FURNACE

Title (de)

VORRICHTUNG UND VERFAHREN ZUR AUSFÜHRUNG EINER KONTROLLIERTEN OXIDATION VON METALLBÄNDERN IN EINEM DURCHLAUFOFEN

Title (fr)

DISPOSITIF ET PROCEDE POUR REALISER UNE OXYDATION CONTROLEE DE BANDES METALLIQUES DANS UN FOUR DE TRAITEMENT EN CONTINU

Publication

**EP 3397786 B1 20191113 (FR)**

Application

**EP 16822660 A 20161219**

Priority

- FR 1563467 A 20151230
- EP 2016081730 W 20161219

Abstract (en)

[origin: WO2017114682A1] The invention relates to a chamber (1) for the controlled oxidation of metal strips in a furnace for annealing a continuous production line of strips which are hot-coated, for example by galvanisation, the oxidation chamber allowing the oxidation of the metal strips by means of an oxidising gas injected on at least one of the faces of a strip (15), the oxidation chamber comprising oxidation portions (17) extending over the width and/or length thereof, each portion comprising at least one blow opening (4) and at least one suction opening (5) between which an oxidising gas circulates, each portion being controllable in a different way so as to adjust the oxidation induced on the strip over the width and length of the oxidation chamber.

IPC 8 full level

**C21D 9/56** (2006.01)

CPC (source: EP US)

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