

Title (en)

Device and method for heating metal strips

Title (de)

Vorrichtung und Verfahren zur Erwärmung von Metallbändern

Title (fr)

Dispositif et procédé destinés au chauffage de bandes de métal

Publication

EP 2105212 B1 20121003 (DE)

Application

EP 08104161 A 20080529

Priority

DE 102008015658 A 20080325

Abstract (en)

[origin: EP2105212A1] The device has a unit for the inductive preheating of the metal strip arranged in transport direction of the metal strip (1) before the convection oven (3). A unit is provided for inductive heating of an inductor coil (4), where the inductor coil surrounds a tunnel segment (8), by which the metal strip is passed. An independent claim is included for a method for heating a metal strip in a convection oven.

IPC 8 full level

B05D 3/14 (2006.01); **B05D 3/02** (2006.01)

CPC (source: EP)

B05D 3/0209 (2013.01); **B05D 3/0245** (2013.01); **B05D 3/0254** (2013.01); **B05D 3/0281** (2013.01); **B05D 3/14** (2013.01); **B05D 3/0272** (2013.01); **B05D 3/048** (2013.01)

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MT NL NO PL PT RO SE SI SK TR

DOCDB simple family (publication)

EP 2105212 A1 20090930; **EP 2105212 B1 20121003**; DE 102008015658 A1 20091112; PL 2105212 T3 20130731; RU 2010143425 A 20120427; RU 2500487 C2 20131210; WO 2009118326 A1 20091001

DOCDB simple family (application)

EP 08104161 A 20080529; DE 102008015658 A 20080325; EP 2009053476 W 20090325; PL 08104161 T 20080529; RU 2010143425 A 20090325