

Title (en)

Kiln assembly and method for operating the kiln assembly

Title (de)

Ofenanlage sowie Verfahren zum Betreiben der Ofenanlage

Title (fr)

Installation de four et procédé de fonctionnement de l'installation de four

Publication

EP 2667132 B1 20190227 (DE)

Application

EP 13167263 A 20130510

Priority

DE 102012104537 A 20120525

Abstract (en)

[origin: EP2667132A2] The furnace (1) has a blower producing an airflow (L) circulating inside the furnace. A conveyor belt (3) i.e. chain conveyor, continuously conveys light metal components (2) through the furnace. A heat source e.g. electric heater, heats the light metal components by the airflow in the furnace by convection in a temperature between 200 degree Celsius and 450 degree Celsius. One of the light metal components entering the furnace, and the other light metal components exiting from the furnace are constructed as a barrier for hindering escaping of the airflow from the furnace. Independent claims are also included for the following: (1) a method for thermal treatment of light metal components in a furnace (2) a method for operating a furnace.

IPC 8 full level

F27B 9/20 (2006.01); **F27B 9/24** (2006.01); **F27B 9/30** (2006.01); **F27D 99/00** (2010.01)

CPC (source: EP US)

C21D 9/0006 (2013.01 - US); **F27B 9/20** (2013.01 - EP US); **F27B 9/24** (2013.01 - EP US); **F27B 9/3005** (2013.01 - EP US); **F27D 99/007** (2013.01 - EP US); **F27D 99/0073** (2013.01 - EP US)

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EP 2667132 A2 20131127; **EP 2667132 A3 20131218**; **EP 2667132 B1 20190227**; DE 102012104537 A1 20131128; US 2013313763 A1 20131128

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