

Title (en)

PIPE HEAT EXCHANGER FOR A BAKING OVEN

Title (de)

ROHRWÄRMETAUSCHER FÜR EINEN BACKOFEN

Title (fr)

ÉCHANGEUR DE CHALEUR TUBULAIRE POUR UN FOUR DE CUISSON

Publication

EP 3578911 B1 20210407 (DE)

Application

EP 19176648 A 20190527

Priority

DE 102018208952 A 20180606

Abstract (en)

[origin: US2019376751A1] A pipe heat exchanger for a baking oven has a plurality of heat exchanger pipe sections configured to guide a heat carrier fluid, the heat exchanger pipe sections being arranged adjacent to each other in an arrangement plane. A distance between adjacent pipe sections is smaller than a pipe diameter and greater than 1% of the pipe diameter. The result is a pipe heat exchanger, which allows a baking space to be heated efficiently and variably.

IPC 8 full level

F28D 7/08 (2006.01); **F28D 1/047** (2006.01)

CPC (source: EP US)

F28D 1/0477 (2013.01 - EP); **F28D 3/02** (2013.01 - US); **F28D 7/087** (2013.01 - EP); **F28F 9/002** (2013.01 - US); **F28F 9/0224** (2013.01 - US); **F28F 9/0243** (2013.01 - US); **F28F 9/0246** (2013.01 - US)

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DOCDB simple family (publication)

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DOCDB simple family (application)

EP 19176648 A 20190527; BR 102019011650 A 20190604; DE 102018208952 A 20180606; ES 19176648 T 20190527; PL 19176648 T 20190527; RU 2019115317 A 20190520; US 201916432204 A 20190605