

Title (en)

Heat exchanger, in particular for a condensation laundry dryer

Title (de)

Wärmetauscher, insbesondere eines Kondensations-Wäschetrockners

Title (fr)

Echangeur thermique, notamment pour sèche-linge à condensation

Publication

EP 2369284 B1 20180124 (DE)

Application

EP 11159327 A 20110323

Priority

DE 202010000441 U 20100323

Abstract (en)

[origin: EP2369284A2] The heat exchanger (1) comprises a heat exchanger block, which has multiple lamella layers (3) forming an air cooling surface for conduction of dry cooling air in a cooling air flow direction (KL). The lamella layer is attached on the corresponding upper side and lower side of a tube (2). The ratio between the cooling air surface and the process air surface is greater than or equal to 7 or 0. An independent claim is also included for a condensation clothes dryer comprises a drying drum.

IPC 8 full level

D06F 58/24 (2006.01); **F28B 1/06** (2006.01); **F28D 1/053** (2006.01); **F28F 1/12** (2006.01); **F28F 3/02** (2006.01)

CPC (source: EP US)

D06F 58/24 (2013.01 - EP US); **F28B 1/06** (2013.01 - EP US); **F28D 1/05366** (2013.01 - EP); **F28F 1/128** (2013.01 - EP); **F28F 3/027** (2013.01 - EP); **F28F 2275/025** (2013.01 - EP)

Citation (examination)

DE 19838525 A1 19990304 - JOMA POLYTEC KUNSTSTOFFTECHNIK [DE]

Cited by

EP3531055A1; US10578376B2; US11592238B2; WO2017059959A1

Designated contracting state (EPC)

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DOCDB simple family (publication)

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