

Title (en)

Cross flow heat exchanger for laundry drier with condenser

Title (de)

Kreuzstrom-Wärmetauscher für Kondensationswäschetrockner

Title (fr)

Echangeur de chaleur à courants croisés pour sèche-linge avec condenseur

Publication

EP 1106729 B1 20030723 (DE)

Application

EP 00119972 A 20000914

Priority

DE 19958106 A 19991202

Abstract (en)

[origin: EP1106729A2] A cross flow heat exchanger for a condensation washer-drier, comprises numerous flat heat exchanger plates (12) which are arranged in parallel as a packet, and a damp air channel (14) composed of a thermoplastic or heat conducting metal. The heat exchanger plates have numerous slats (32) which run laterally w.r.t the damp air channel. The slats consist of cooling laminae and have an open pocket section.

IPC 1-7

D06F 58/24

IPC 8 full level

D06F 58/24 (2006.01); **F28D 9/00** (2006.01); **F28F 3/04** (2006.01); **F28F 21/06** (2006.01)

CPC (source: EP US)

D06F 58/24 (2013.01 - EP US); **F28D 9/0037** (2013.01 - EP US); **F28F 3/04** (2013.01 - EP); **F28F 21/065** (2013.01 - EP)

Cited by

DE202007007169U1; CN100451230C; CN109892995A; EP1550835A3; CN114945792A; WO2021069386A1; EP4023997A4; WO2012136432A1; EP1550835A2; EP1992898A2

Designated contracting state (EPC)

DE

DOCDB simple family (publication)

EP 1106729 A2 20010613; EP 1106729 A3 20020213; EP 1106729 B1 20030723

DOCDB simple family (application)

EP 00119972 A 20000914