

Title (en)

Washer dryer with heat pump

Title (de)

Wäschetrockner mit Wärmepumpe

Title (fr)

Sèche-linge doté d'une pompe à chaleur

Publication

EP 2407587 B2 20180110 (DE)

Application

EP 10401103 A 20100716

Priority

EP 10401103 A 20100716

Abstract (en)

[origin: EP2407587A1] The clothes dryer comprises a housing, where an internal heat exchanger (17) is formed by a wiring harness. The internal heat exchanger has a high pressure pipe section (18) and a low-pressure pipe section (19) that stay in direct contact with heat transfer forming line sections. The low-pressure pipe section is coaxially arranged within the high-pressure line section. A heat exchanger of an evaporator (15) is equipped with a heat pump.

IPC 8 full level

D06F 58/20 (2006.01)

CPC (source: EP US)

D06F 58/206 (2013.01 - EP US)

Citation (opposition)

Opponent :

- JP H0838795 A 19960213 - HITACHI LTD
- EP 2182104 A2 20100505 - TOSHIBA KK [JP], et al
- JP 2009078246 A 20090416 - PANASONIC CORP
- EP 2385169 A1 20111109 - ELECTROLUX HOME PROD CORP [BE]

Cited by

EP4086538A1; CN109668218A; EP3279393A1; US2018030644A1; DE102014013045A1; EP2980305A1; WO2014206538A1; US10793994B2; US11293134B2

Designated contracting state (EPC)

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DOCDB simple family (publication)

EP 2407587 A1 20120118; EP 2407587 B1 20121031; EP 2407587 B2 20180110; ES 2394785 T3 20130205; PL 2407587 T3 20130329; SI 2407587 T1 20130131

DOCDB simple family (application)

EP 10401103 A 20100716; ES 10401103 T 20100716; PL 10401103 T 20100716; SI 201030093 T 20100716