

Title (en)

A THERMOELECTRIC HEAT PUMP LAUNDRY DRYER

Title (de)

THERMOELEKTRISCHER WÄRMEPUMPENWÄSCHETROCKNER

Title (fr)

SÈCHE-LINGE À POMPE À CHALEUR THERMOÉLECTRIQUE

Publication

**EP 2994566 A1 20160316 (EN)**

Application

**EP 14719781 A 20140428**

Priority

- TR 201305559 A 20130509
- EP 2014058601 W 20140428

Abstract (en)

[origin: WO2014180696A1] The present invention relates to a laundry dryer (1) comprising a drum (2) wherein the laundry is placed, a drying duct (3) wherein the processing air is circulated, a fan (4) that provides the circulation of the processing air in the drying duct (3), a heater (5) that heats the processing air, a condenser (6) that provides the dehumidification of the processing air, and a Peltier element (7) that is disposed in the drying duct (3), that condenses the processing air passing thereover by cooling, and heats afterwards, that has a cold side (8), a hot side (9) and an inlet opening (10) that provides entry of the processing air into the hot side (9).

IPC 8 full level

**D06F 58/20** (2006.01)

CPC (source: EP US)

**D06F 58/206** (2013.01 - EP US)

Citation (search report)

See references of WO 2014180696A1

Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)

BA ME

DOCDB simple family (publication)

**WO 2014180696 A1 20141113**; EP 2994566 A1 20160316

DOCDB simple family (application)

**EP 2014058601 W 20140428**; EP 14719781 A 20140428