Title (en)

Washer-dryer including a peltier heat-pump

Title (de)

Wäschetrockner umfassend eine Peltier-Wärmepumpe

Title (fr)

Laveuse-secheuse incluant une pompe a chaleur peltier

Publication

EP 1963561 A1 20080903 (DE)

Application

EP 06819741 A 20061124

Priority

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- DE 102005060041 A 20051215

Abstract (en)

[origin: WO2007068565A1] The invention relates to a module (1) which comprises a plurality of Peltier elements arranged in series and which is operated with the rectified mains voltage. For this purpose, the number of Peltier elements (2) in the Peltier module (1) and the type of manufacture of the Peltier elements (2) is optimized in such a manner that the series arrangement has ratings such that when the series arrangement is impinged upon with the rectified mains voltage, the Peltier elements are operated at an operating point which is suitable, if not optimum, for the use of the Peltier module (1) in a Peltier heat pump for a tumbler.

IPC 8 full level

H01L 35/00 (2006.01); **D06F 58/20** (2006.01); **F25B 21/02** (2006.01)

CPC (source: EP US)

D06F 58/206 (2013.01 - EP US); **D06F 58/30** (2020.02 - EP US); **F25B 21/02** (2013.01 - EP US); D06F 58/20 (2013.01 - EP US); D06F 2103/50 (2020.02 - EP US); D06F 2105/26 (2020.02 - EP US); F25B 2321/021 (2013.01 - EP US)

Citation (search report)

See references of WO 2007068565A1

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DE 102005060041 A1 20070621; EP 1963561 A1 20080903; EP 1963561 B1 20140430; KR 101306376 B1 20130909; KR 20080081921 A 20080910; US 2009049844 A1 20090226; WO 2007068565 A1 20070621

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