

Title (en)

Laundry treatment apparatus and method for operating a laundry treatment apparatus

Title (de)

Wäschebehandlungsvorrichtung und Verfahren zum Betreiben einer Wäschebehandlungsvorrichtung

Title (fr)

Appareil de traitement du linge et procédé pour faire fonctionner un tel appareil

Publication

**EP 2840179 B1 20160427 (EN)**

Application

**EP 13180896 A 20130819**

Priority

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Abstract (en)

[origin: EP2840179A1] The present invention relates to a method for operating a laundry treatment apparatus (1), wherein the apparatus (1) comprises: a laundry treatment chamber (3) for treating laundry by using processing air (A); a heat pump system (4) for treating said processing air (A); a cooling air blower (24) for blowing ambient air towards the heat pump system (4) to cool at least a part thereof; at least one temperature sensing device for providing a first signal indicative of ambient temperature (Tamb); a heat pump system (4) operating condition detection unit for providing a second signal (Tr) indicative of an operating condition of the heat pump system (4); the method comprising the steps of: providing an ambient temperature threshold (Ta THR ); determining the ambient temperature (Tamb) based on the first signal; determining whether the ambient temperature (Tamb) satisfies a prefixed condition with the ambient temperature threshold (Ta THR ), performing a cooling air blower (24) control procedure based on the second signal (Tr). If said prefixed condition is determined, performing the steps of: drying laundry for a first drying period (t1); determining the second signal (Tr(tl)) at the end of the first drying period (t1); and, based on said determined second signal (Tr(tl)), providing control thresholds (Tf ON )(Tf OFF ) for said second signal (Tr) to control said cooling air blower (24) during a second drying period (t2) next to said first drying period (t1).

IPC 8 full level

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Cited by

EP4180562A4; CN113293584A; US2014298678A1; US9285166B2; CN112824578A

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