

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

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Application

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Priority

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Abstract (en)

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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CPC (source: EP US)

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Citation (applicant)

EP 2333149 A1 20110615 - V ZUG AG [CH]

Citation (search report)

- [AD] EP 2333149 A1 20110615 - V ZUG AG [CH]
- [A] WO 2012084474 A1 20120628 - ARCELIK AS [TR], et al
- [A] EP 2182104 A2 20100505 - TOSHIBA KK [JP], et al
- [A] EP 2586907 A1 20130501 - ELECTROLUX HOME PROD CORP [BE]
- [A] EP 2594684 A2 20130522 - V ZUG AG [CH]

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Designated contracting state (EPC)

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