

Title (en)  
HEAT PUMP TYPE LAUNDRY DRYER AND METHOD FOR CONTROLLING THE SAME

Title (de)  
WÄSCHETROCKNER VOM WÄRMEPUMPENTYP UND VERFAHREN ZUR STEUERUNG DAVON

Title (fr)  
SÈCHE-LINGE DU TYPE À POMPE À CHALEUR ET SON PROCÉDÉ DE COMMANDE

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Application  
**EP 15709443 A 20150302**

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Abstract (en)  
[origin: WO2016138920A1] The present invention relates to a heat-pump type laundry dryer (1) comprising a drum (2), a process air circuit (3), a refrigerant circuit (4) which has a compressor (5) and a control unit (6) for conducting the drying process. The laundry dryer (1) of the present invention further comprising: a fan (7) for cooling the compressor (5) and a sensor (8) for sensing the process air temperature T<sub>air</sub>, wherein the control unit (6) sets a first threshold temperature T<sub>th1</sub> which is equal to or smaller than 55°C, sets a second threshold temperature T<sub>th2</sub> which is less than T<sub>th1</sub> and initiates, prior to the termination of the drying process a cooling process in which the fan (7) is turned ON when T<sub>air</sub> reaches T<sub>th1</sub> and the fan (7) is turned OFF when T<sub>air</sub> drops below T<sub>th2</sub>.

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