

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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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_{air}, wherein the control unit (6) sets a first threshold temperature T_{th1} which is equal to or smaller than 55°C, sets a second threshold temperature T_{th2} which is less than T_{th1} and initiates, prior to the termination of the drying process a cooling process in which the fan (7) is turned ON when T_{air} reaches T_{th1} and the fan (7) is turned OFF when T_{air} drops below T_{th2}.

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