

Title (en)

METHOD FOR OPERATING A LAUNDRY DRYING APPARATUS AND LAUNDRY DRYING APPARATUS

Title (de)

VERFAHREN ZUM BETREIBEN EINER WÄSCHETROCKNERVORRICHTUNG UND WÄSCHETROCKNERVORRICHTUNG

Title (fr)

PROCÉDÉ DE FONCTIONNEMENT D'UN APPAREIL DE SÉCHAGE DE LINGE ET APPAREIL DE SÉCHAGE DE LINGE

Publication

EP 3239387 B1 20190403 (EN)

Application

EP 16166996 A 20160426

Priority

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Abstract (en)

[origin: EP3239387A1] The invention relates to a method for operating a laundry drying apparatus during a drying program and to a laundry drying apparatus, the laundry drying apparatus (2) comprising: a drum (18) adapted to receive laundry (19) for drying the laundry using drying air, a drying air fan (8) adapted to convey drying air through the drum (18), a motor adapted to drive the drying air fan (8), and a heat-pump system (4) comprising a first heat exchanger (10) adapted to heat the drying air, a second heat exchanger (12) adapted to cool the drying air for humidity condensation, and a compressor (16) adapted to circulate refrigerant through the first and second heat exchangers (10, 12), wherein the compressor (16) is a variable speed and/or variable power compressor; wherein the method comprises: starting a drying program for drying the laundry received in the drum (18), during a first phase of the drying program, operating the compressor (16) at a first compressor performance and operating the drying air fan (8) at a first fan performance, and during a second phase of the drying program, operating the compressor (16) at a second compressor performance and operating the drying air fan (8) at a second fan performance, wherein the second compressor performance is lower than the first compressor performance, and wherein the second fan performance is higher than the first fan performance.

IPC 8 full level

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CN112176679A; US2021404108A1; EP4172400A4; EP4172399A4; EP4268699A1

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