

## 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 A1 20171101 (EN)**

## Application

**EP 16166996 A 20160426**

## Priority

EP 16166996 A 20160426

## Abstract (en)

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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## Citation (applicant)

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BA ME

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