

Title (en)

Heat-pump laundry treatment apparatus and method of operating a compressor

Title (de)

Wäschebehandlungsvorrichtung mit Wärmepumpe und Verfahren für den Betrieb eines Kompressors

Title (fr)

Appareil de traitement de linge à pompe à chaleur et procédé de fonctionnement d'un compresseur

Publication

**EP 2843118 B1 20210707 (EN)**

Application

**EP 13181947 A 20130828**

Priority

EP 13181947 A 20130828

Abstract (en)

[origin: EP2843118A1] The invention relates to a method of operating a compressor (14) in a laundry treatment apparatus, in particular laundry dryer or washer-dryer, wherein the laundry treatment apparatus comprises a heat-pump system having a compressor (14) adapted to circulate a refrigerant (6) through the heat-pump system during a laundry drying operation and wherein the laundry treatment apparatus comprises a control unit (51) controlling the operation of the laundry treatment apparatus. In case that the operation of the compressor (14) is suspended, the operation of the compressor (14) is restarted upon receiving a restarting signal. The value of power or current (I\_comp) supplied to the compressor (14) after restarting the compressor operation is monitored and the compressor operation is maintained or suspended again in dependency of the monitored value of power or current (I\_comp). Further the invention relates to a laundry treatment apparatus adapted to implement the method.

IPC 8 full level

**D06F 58/30** (2020.01); **D06F 58/20** (2006.01); **D06F 58/38** (2020.01)

CPC (source: EP US)

**D06F 58/38** (2020.02 - EP US); **D06F 25/00** (2013.01 - EP US); **D06F 58/206** (2013.01 - EP US); **D06F 2103/36** (2020.02 - EP US); **D06F 2103/44** (2020.02 - EP US); **D06F 2103/50** (2020.02 - EP US); **D06F 2103/54** (2020.02 - EP US); **D06F 2105/24** (2020.02 - EP US); **D06F 2105/26** (2020.02 - EP US); **D06F 2105/32** (2020.02 - EP US)

Cited by

EP4050153A4; CN106436227A; EP3124678A1; CN106400430A; US11186943B2; US11761141B2

Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

DOCDB simple family (publication)

**EP 2843118 A1 20150304; EP 2843118 B1 20210707; PL 2843118 T3 20211220**

DOCDB simple family (application)

**EP 13181947 A 20130828; PL 13181947 T 20130828**