

Title (en)

Laundry drier with heating in heat pump circuit

Title (de)

Wäschetrockner mit Heizung im Wärmepumpenkreislauf

Title (fr)

Sèche-linge doté d'un chauffage dans le circuit de pompe à chaleur

Publication

**EP 2006437 B1 20160511 (DE)**

Application

**EP 08017120 A 20080929**

Priority

- EP 08014183 A 20080808
- EP 08017120 A 20080929

Abstract (en)

[origin: EP1983095A2] The dryer has a controller (8), and a drum (1) for accommodating clothes to be dried. A process circuit conducts heated process air through the drum for cooling the process air for dewatering and for reheating the process air. A heat pump circuit conducts a medium e.g. liquid medium, through a condenser (3), a throttle (5), an evaporator (6) and a compressor (2). The process air is heatable by the condenser and coolable by the evaporator. A heater (9) is arranged in the heat pump circuit between the evaporator and the compressor .

IPC 8 full level

**D06F 58/20** (2006.01); **D06F 58/28** (2006.01); **D06F 58/46** (2020.01)

CPC (source: EP US)

**D06F 58/206** (2013.01 - EP US); **D06F 58/46** (2020.02 - EP US); **D06F 2103/32** (2020.02 - EP US); **D06F 2103/50** (2020.02 - EP US); **D06F 2105/26** (2020.02 - EP US); **D06F 2105/28** (2020.02 - EP US)

Cited by

EP2333149A1; DE102009055206A1; EP3618681B1

Designated contracting state (EPC)

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DOCDB simple family (publication)

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