

Title (en)
Household appliance with a drying device

Title (de)
Haushaltgerät mit einer Trocknungseinrichtung

Title (fr)
Appareil ménager doté d'un dispositif de séchage

Publication
EP 2628838 B1 20140903 (DE)

Application
EP 12401024 A 20120217

Priority
EP 12401024 A 20120217

Abstract (en)
[origin: EP2628838A1] The appliance has a heat pump comprising a rotation compressor (3) such as roller piston compressor for performing a drying process. An oscillating mass is assigned to the compressor as an oscillation damper whose natural frequency is tuned on torsional vibrations produced by the compressor. The compressor comprises a hollow cylindrical stator (20) such that the oscillating mass is arranged around a part of a stator housing. The oscillating mass is formed as a sleeve that surrounds the stator housing under a partial interposition of an elastomer.

IPC 8 full level
D06F 25/00 (2006.01); **D06F 58/02** (2006.01); **D06F 58/20** (2006.01)

CPC (source: EP US)
D06F 25/00 (2013.01 - EP US); **D06F 58/02** (2013.01 - EP US); **D06F 58/206** (2013.01 - EP US)

Cited by
CN112629071A; DE102014106604A1; DE102013221982A1; DE102014206650A1; DE102013221982B4; WO2018063133A3; US11186943B2; US11761141B2; EP3135807A1; DE102015216441A1; EP3748255A1

Designated contracting state (EPC)
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DOCDB simple family (publication)
EP 2628838 A1 20130821; **EP 2628838 B1 20140903**; ES 2515041 T3 20141029; PL 2628838 T3 20150130

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