

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)
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 2628838 A1 20130821; EP 2628838 B1 20140903; ES 2515041 T3 20141029; PL 2628838 T3 20150130

DOCDB simple family (application)
EP 12401024 A 20120217; ES 12401024 T 20120217; PL 12401024 T 20120217