

Title (en)  
LAUNDRY DRYER COMPRISING A HEAT PUMP

Title (de)  
WÄSCHETROCKNER MIT WÄRMEPUMPE

Title (fr)  
SÈCHE-LINGE COMPORTANT UNE POMPE À CHALEUR

Publication  
**EP 3421804 B1 20210421 (EN)**

Application  
**EP 17177913 A 20170626**

Priority  
EP 17177913 A 20170626

Abstract (en)  
[origin: EP3421804A1] Compressor (9) for compressing a refrigerant, comprising a housing (11) for containing said refrigerant, a refrigerant pump (10), said pump (10) disposed within said housing (11), and a sump (13) for containing an amount of lubricating oil to a predetermined level (14) is defined within said housing (11) separate from said refrigerant pump (10). Said housing (11) includes means (15, 12) for reducing the amount of lubricating oil contained in said sump (13) while maintaining said level (14). The invention also relates to a heat pump (5, 6, 7, 8, 9) including such compressor (9), the heat pump (5, 6, 7, 8, 9) preferably being contained in a laundry dryer (1).

IPC 8 full level  
**F04C 29/02** (2006.01); **F04B 39/02** (2006.01); **F04C 18/356** (2006.01); **F04C 23/00** (2006.01)

CPC (source: EP)  
**F04B 39/023** (2013.01); **F04B 39/0261** (2013.01); **F04C 29/02** (2013.01); **F04C 18/356** (2013.01); **F04C 23/008** (2013.01); **F04C 2240/809** (2013.01)

Cited by  
CN114738240A; WO2024057438A1

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 3421804 A1 20190102; EP 3421804 B1 20210421**; PL 3421804 T3 20211115

DOCDB simple family (application)  
**EP 17177913 A 20170626**; PL 17177913 T 20170626