

Title (en)
HEAT PUMP COMPRISING A MUFFLER

Title (de)
WÄRMEPUMPE MIT SCHALLDÄMPFER

Title (fr)
POMPE À CHALEUR COMPRENANT UN SILENCIEUX

Publication
EP 3828413 A1 20210602 (EN)

Application
EP 19212130 A 20191128

Priority
EP 19212130 A 20191128

Abstract (en)
The invention comprises a heat pump comprising a heat source heat exchanger, a compressor, a utilization side heat exchanger and an expansion valve connected by refrigerant piping; and a muffler having first and second ports and a pressure pulsation reducing space, the pressure pulsation reducing space being in fluid communication with at least the first port and the second port, wherein the first and second ports are respectively connected to the refrigerant piping, characterized in that a first centre axis of the first port and a second centre axis of the second port are oriented so that a flow direction of refrigerant flowing in the refrigerant piping changes at least once between the first port and the second port.

IPC 8 full level
F04B 39/00 (2006.01); **F25B 13/00** (2006.01); **F25B 31/02** (2006.01)

CPC (source: EP)
F04B 39/0055 (2013.01); **F04B 39/0061** (2013.01); **F04B 39/0072** (2013.01); **F25B 13/00** (2013.01); **F25B 31/02** (2013.01); **F25B 2500/12** (2013.01)

Citation (applicant)
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Citation (search report)
• [XY] JP H05322379 A 19931207 - HITACHI LTD, et al
• [Y] US 4330239 A 19820518 - GANNAWAY EDWIN L
• [Y] JP S5044959 U 19750507
• [XAY] US 2010242522 A1 20100930 - ISHIKAWA SATOSHI [JP], et al
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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

Designated extension state (EPC)
BA ME

DOCDB simple family (publication)
EP 3828413 A1 20210602; EP 3828413 B1 20230322

DOCDB simple family (application)
EP 19212130 A 20191128