

Title (en)
OUTSIDE AIR WATER HEATPUMP

Publication
EP 0069676 B1 19850731 (FR)

Application
EP 82401282 A 19820707

Priority
FR 8113388 A 19810708

Abstract (en)
[origin: EP0069676A1] 1. Heat pump of the type taking calories from the outside air and comprising a box within which are disposed to one side an evaporator (10) and a ventilation unit (11) and to the other side, submerged in an insulator, a condensor (13) coaxial with a compressor (12) itself provided with an oil through which an expanded refrigerant liquid passes, as well as an expander (14), characterized by the fact that in order for the upper part of the compressor (12) to be cooled by the external environment, the compressor is only partially submerged in insulator (19) constituting granular particles such as for example balls of polystyrene and/or particles of cork.

IPC 1-7
F24J 3/00; **F25B 31/00**

IPC 8 full level
F24H 4/04 (2006.01); **F25B 30/02** (2006.01); **F25B 31/00** (2006.01)

CPC (source: EP)
F24H 4/04 (2013.01); **F25B 30/02** (2013.01); **F25B 31/006** (2013.01)

Citation (examination)
GB 891573 A 19620314 - HEAT PUMP & REFRIGERATION LTD

Cited by
EP0270015A3; FR2669716A1; DE102007010139A1; US5802864A; DE102007010139B4; US6253564B1; WO8707359A1; WO2019167136A1

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