

Title (en)
COMPRESSOR FOR A LAUNDRY TREATMENT APPARATUS HAVING A HEAT PUMP AND CORRESPONDING LAUNDRY TREATMENT APPARATUS

Title (de)
WÄSCHEBEHANDLUNGSVORRICHTUNG

Title (fr)
APPAREIL DE TRAITEMENT DU LINGE

Publication
EP 3757277 A1 20201230 (EN)

Application
EP 20182565 A 20200626

Priority
KR 20190078328 A 20190628

Abstract (en)
A compressor (200) comprising cylinders (2211, 2212), respective eccentric rollers (2231, 2232) and vanes (2241, 2242), the one end of each vane (2241, 2242) radially movable within the corresponding cylinder (2211, 2212), their other end being in contact and reciprocating with the corresponding eccentric roller (2231, 2232), said compressor (200) using a flammable refrigerant, such as R-290, a heat pump (140) using the compressor (200), and a laundry treatment apparatus using the heat pump (140) are disclosed. As the flammable refrigerant is used in accordance with environment regulation, a re-design of the compressor (200), an evaporator (142), a condenser (143) and an expander (145), which constitute the heat pump (140), is required for optimization of the heat pump (140). A laundry treatment apparatus that reflects the re-design is provided.

IPC 8 full level
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CPC (source: EP KR)
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Designated contracting state (EPC)
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