

Title (en)
DISPLACEMENT COMPRESSOR SYSTEM FOR R-718

Title (de)
VERDRÄNGERVERDICHTERSYSTEM FÜR R-718

Title (fr)
COMPRESSEUR VOLUMÉTRIQUE POUR R-718

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Application
EP 18737191 A 20180627

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Abstract (en)
[origin: WO2019002363A1] The invention relates to a displacement compressor system for the refrigerant R718, comprising a compressor machine (41), an evaporator (35), and a condenser (36). The open compressor machine (41) is designed as a spindle compressor in the form of a double-shaft rotation displacement compressor for displacing and compressing gaseous conveying media. The displacement compressor has a spindle rotor pair (2 and 3) which is arranged in a compressor housing (1) and is designed with an electronic motor pair spindle rotor synchronization function. The compressor machine (41) is arranged between the evaporator (35) and the condenser (36).

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