

Title (en)

A HERMETIC COMPRESSOR COMPRISING AN OIL SUCKING MEMBER

Title (de)

HERMETISCHER VERDICHTER MIT EINEM ÖLANSAUGELEMENT

Title (fr)

COMPRESSEUR HERMÉTIQUE COMPRENANT UN ORGANE D'ASPIRATION D'HUILE

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Application

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Abstract (en)

[origin: WO2012062852A1] The present invention relates to a hermetic compressor (1) comprising a casing (2), a motor having a rotor (3) and a stator (4), a crankshaft (5) that is snap-fittingly mounted to the core of the rotor (3) in the direction of the rotation axis thereof and that provides the rotational motion of the rotor (3) to be transmitted to the piston, the lower end of which is immersed into the oil in the casing (2), an oil sucking member (7) disposed through the lower end of the crankshaft (5) into the interior thereof and concentrically with the crankshaft (5), that is stationary during the rotation of the rotor (3) and the crankshaft (5), and at the outer circumference of which a helical groove (6) is disposed, an oil transportation path (8) disposed on the crankshaft (5) and an oil passage hole (9) providing the oil sucked into the crankshaft (5) to pass to the oil transportation path (8).

IPC 8 full level

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