

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

Publication

**EP 2638290 B1 20160420 (EN)**

Application

**EP 11781796 A 20111110**

Priority

- TR 201009413 A 20101111
- EP 2011069833 W 20111110

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

**F04B 39/02** (2006.01); **F04C 23/00** (2006.01)

CPC (source: EP)

**F04B 39/0246** (2013.01); **F04B 39/0253** (2013.01)

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

DOCDB simple family (publication)

**WO 2012062852 A1 20120518**; BR 112013011854 A2 20160816; CN 103189648 A 20130703; CN 103189648 B 20151125; EP 2638290 A1 20130918; EP 2638290 B1 20160420; ES 2577933 T3 20160719; SI 2638290 T1 20160831

DOCDB simple family (application)

**EP 2011069833 W 20111110**; BR 112013011854 A 20111110; CN 201180054422 A 20111110; EP 11781796 A 20111110; ES 11781796 T 20111110; SI 201130882 A 20111110