

Title (en)

CRANKSHAFT FOR A HERMETIC COMPRESSOR

Title (de)

KURBELWELLE FÜR HERMETISCHEN VERDICHTER

Title (fr)

VILEBREQUIN POUR COMPRESSEUR HERMÉTIQUE

Publication

**EP 3250826 B1 20190320 (EN)**

Application

**EP 15703749 A 20150130**

Priority

EP 2015051870 W 20150130

Abstract (en)

[origin: WO2016119869A1] A crankshaft (1) for hermetically sealed reciprocating compressors (2), which have a cylinder block (3) with a main bearing (4) for supporting the crankshaft (1) and a casing (5) having a lower section (6) for collecting lubricant (7), comprises a vertically extending shaft (8) which includes an integral bearing section (9) that is adapted for being journalled into the main bearing (4). Said shaft (8) includes an integral lower tip section (10) that is adapted for being directly immersed into the lubricant (7) inside the lower section (6) and two axially upwardly diverging lubricant channels (11, 12) that are formed within the shaft (8) and adapted for conveying the lubricant (7) from the lower tip section (10) towards the surface of the bearing section (9) upon rotation of the shaft (8).

IPC 8 full level

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

CPC (source: EP)

**F04B 39/0094** (2013.01); **F04B 39/0253** (2013.01)

Cited by

EP3795828A1

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 2016119869 A1 20160804**; EP 3250826 A1 20171206; EP 3250826 B1 20190320

DOCDB simple family (application)

**EP 2015051870 W 20150130**; EP 15703749 A 20150130