

Title (en)

METHOD FOR ASSEMBLING A CRANKSHAFT DRIVE AND PISTON COMPRESSOR

Title (de)

VERFAHREN ZUR MONTAGE EINES KURBELTRIEBS UND KOLBENVERDICHTER

Title (fr)

PROCEDE POUR LE MONTAGE D'UN EMBIELLAGE ET COMPRESSEUR A PISTON

Publication

EP 1922486 B1 20160803 (DE)

Application

EP 06777064 A 20060825

Priority

- EP 2006008339 W 20060825
- DE 102005040496 A 20050826

Abstract (en)

[origin: WO2007022987A1] The invention relates to a method for assembling a crankshaft drive comprising a crankshaft (6) and at least one connecting rod (8) with a crankshaft-side connecting rod head (9), in a crankcase (1) of a piston compressor, involving the following assembly steps: a one-piece connecting rod (8) is inserted through a cylinder opening (2) of the one-piece crankcase (1); a crankshaft (6) is inserted through a crankshaft bearing opening (11) of the one-piece crankcase (1); the crankshaft (6), with the end located inside the crankcase (1), is threaded through an opening of the connecting rod head (9) until the connecting rod (8) is located in the assembled position relative to the crankshaft (6) and, together with the connecting rod bearing seat of the crankshaft (6), forms a press connection.

IPC 8 full level

F04B 39/00 (2006.01); **F04B 39/14** (2006.01)

CPC (source: EP US)

F04B 39/0094 (2013.01 - EP US); **F04B 39/14** (2013.01 - EP US)

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC NL PL PT RO SE SI SK TR

DOCDB simple family (publication)

DE 102005040496 A1 20070301; CN 100570155 C 20091216; CN 101253328 A 20080827; EP 1922486 A1 20080521; EP 1922486 B1 20160803; JP 2009506248 A 20090212; JP 5027129 B2 20120919; US 2009217902 A1 20090903; WO 2007022987 A1 20070301; WO 2007022987 A8 20070614

DOCDB simple family (application)

DE 102005040496 A 20050826; CN 200680031228 A 20060825; EP 06777064 A 20060825; EP 2006008339 W 20060825; JP 2008527396 A 20060825; US 6488206 A 20060825