

Title (en)

BEARING ARRANGEMENT FOR A CRANKSHAFT OF AN INTERNAL COMBUSTION ENGINE

Title (de)

KURBELWELLENLAGERUNG EINER KURBELWELLE EINER BRENNKRAFTMASCHINE

Title (fr)

SYSTÈME DE PALIER POUR UN VILEBREQUIN D'UN MOTEUR À COMBUSTION INTERNE

Publication

EP 2612045 A1 20130710 (DE)

Application

EP 11757809 A 20110902

Priority

- DE 102010040244 A 20100903
- EP 2011065207 W 20110902

Abstract (en)

[origin: WO2012028720A1] The invention relates to a bearing arrangement for a crankshaft of an internal combustion engine, comprising a sliding bearing formed by bearing shells, wherein a back (13) of a bearing shell (10) adjoins a cylinder crankcase (11) of the internal combustion engine and a bearing face (12) of said bearing shell adjoins the crankshaft to be mounted, wherein either the bearing face (12) or the back (13) of the bearing shell or a surface (14) of the cylinder crankcase (11) which adjoins the back (13) of the bearing shell has a concave shape.

IPC 8 full level

F16C 9/02 (2006.01); **F16C 37/00** (2006.01)

CPC (source: EP KR US)

F02F 7/00 (2013.01 - KR); **F16C 9/02** (2013.01 - EP KR US); **F16C 37/00** (2013.01 - EP KR US)

Citation (search report)

See references of WO 2012028720A1

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)

DE 102010040244 A1 20120308; CN 103119311 A 20130522; CN 103119311 B 20161012; EP 2612045 A1 20130710;
JP 2013536924 A 20130926; JP 5707496 B2 20150430; KR 101491580 B1 20150209; KR 20130043691 A 20130430;
US 2013287325 A1 20131031; WO 2012028720 A1 20120308

DOCDB simple family (application)

DE 102010040244 A 20100903; CN 201180042425 A 20110902; EP 11757809 A 20110902; EP 2011065207 W 20110902;
JP 2013526492 A 20110902; KR 20137007309 A 20110902; US 201113820535 A 20110902