

Title (en)

DEVICE FOR ROTATABLY SUPPORTING A CAMSHAFT

Title (de)

VORRICHTUNG ZUM DREHBAREN LAGERN EINER NOCKENWELLE

Title (fr)

DISPOSITIF DE LOGEMENT ROTATIF D'UN ARBRE À CAMES

Publication

EP 3842622 B1 20240403 (DE)

Application

EP 21157914 A 20180723

Priority

- DE 102017118862 A 20170818
- EP 18184901 A 20180723

Abstract (en)

[origin: US2019055897A1] A device for rotatable mounting of a camshaft of an internal combustion engine. The device includes a first bearing body with a receiver for rotatable mounting of the camshaft. The device has a cylinder head or a fixing frame for fixing the first bearing body. The device has a first fixing means which fixes the first bearing body to the cylinder head or fixing frame. The first fixing means is the sole fixing means which fixes the first bearing body to the cylinder head or fixing frame.

IPC 8 full level

F01L 1/053 (2006.01); **F01L 1/047** (2006.01); **F01L 1/18** (2006.01)

CPC (source: CN EP US)

F01L 1/047 (2013.01 - US); **F01L 1/053** (2013.01 - CN EP US); **F01L 1/18** (2013.01 - CN); **F02F 1/24** (2013.01 - CN US); **F02F 7/006** (2013.01 - US); **F01L 1/181** (2013.01 - EP US); **F01L 2001/0476** (2013.01 - EP US); **F02F 2007/0063** (2013.01 - US)

Citation (examination)

US 5522354 A 19960604 - SAKAMOTO NOBORU [JP], et al

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)

EP 3450706 A1 20190306; **EP 3450706 B1 20210331**; BR 102018016619 A2 20190716; BR 102018016619 A8 20230214; BR 102018016619 B1 20231003; CN 109404082 A 20190301; CN 109404082 B 20220503; CN 114856745 A 20220805; DE 102017118862 A1 20190221; EP 3842622 A1 20210630; EP 3842622 B1 20240403; JP 2019035410 A 20190307; JP 7248391 B2 20230329; RU 2018129776 A 20200217; RU 2018129776 A3 20211227; US 2019055897 A1 20190221

DOCDB simple family (application)

EP 18184901 A 20180723; BR 102018016619 A 20180814; CN 201810946867 A 20180820; CN 202210391888 A 20180820; DE 102017118862 A 20170818; EP 21157914 A 20180723; JP 2018153795 A 20180820; RU 2018129776 A 20180815; US 201816104392 A 20180817