Title (en)

ROCKER ARM WITH ABUTMENT AGAINST AXIAL MOVEMENT THROUGH A STOP BY THE ROCKER ARM SHAFT AND BY THE CYLINDER HEAD

Title (de)

KIPPHEBEL MIT AXIALEM ANSCHLAG DURCH DEN KIPPHEBELSHAFT UND DURCH DEN ZYLINDERKOPF

Title (fr)

LINGUETS DE DISTRIBUTION ARRÊTÉS AXIALEMENT PAR L'AXE D'ARTICULATION ET PAR LA CULASSE

Publication

EP 3240946 A1 20171108 (FR)

Application

EP 15817986 A 20151210

Priority

- FR 1463377 A 20141229
- FR 2015053408 W 20151210

Abstract (en)

[origin: WO2016108002A1] A motor vehicle arrangement comprises a cylinder head (10) of a combustion engine, a camshaft (11) rotating with respect to the cylinder head (10), at least one pivot (15) fixed to the cylinder head (10) and offset from the axis of rotation of the camshaft (11), and at least one timing finger follower (14) intended to operate the inlet and exhaust valves (13) of the combustion engine, which follower is mounted on the pivot (15) and actuated in an oscillatory rocking movement about the pivot (15) by a rotary cam (111) of the camshaft (11). The axial stops for the timing finger follower (14) along the pivot (15) are constituted by an axial immobilization wall (101) delimited by the cylinder head (10) on the one hand, and by the pivot (15) on the other.

IPC 8 full level

F01L 1/18 (2006.01)

CPC (source: CN EP KR RU)

F01L 1/185 (2013.01 - CN EP KR RU); F01L 2001/187 (2013.01 - CN EP KR)

Citation (search report)

See references of WO 2016108002A1

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

Designated extension state (EPC)

BA ME

DOCDB simple family (publication)

FR 3031137 A1 20160701; **FR 3031137 B1 20161223**; CN 107208501 A 20170926; CN 107208501 B 20201013; CN 108350766 A 20180731; CN 108350766 B 20210209; EP 3240946 A1 20171108; EP 3240946 B1 20200205; EP 3356655 A1 20180808; EP 3356655 B1 20210804; FR 3031138 A1 20160701; FR 3031138 B1 20190621; JP 2018500503 A 20180111; JP 2018534461 A 20181122; KR 102294090 B1 20210826; KR 20170102318 A 20170908; KR 20180063231 A 20180611; RU 2017127159 A 20190131; RU 2017127159 A3 20190717; RU 2698558 C2 20190828; WO 2016108002 A1 20160707; WO 2017055734 A1 20170406

DOCDB simple family (application)

FR 1463377 A 20141229; CN 201580074184 A 20151210; CN 201680062764 A 20160927; EP 15817986 A 20151210; EP 16785229 A 20160927; FR 1559268 A 20150930; FR 2015053408 W 20151210; FR 2016052452 W 20160927; JP 2017534647 A 20151210; JP 2018516195 A 20160927; KR 20177021385 A 20151210; KR 20187012417 A 20160927; RU 2017127159 A 20151210