

Title (en)

Lever-type cam follower of a valve mechanism of a combustion machine

Title (de)

Hebelartiger Nockenfolger eines Ventiltriebs einer Brennkraftmaschine

Title (fr)

Galet de came à levier d'une commande de soupape d'un moteur à combustion interne

Publication

EP 1876329 A3 20100407 (DE)

Application

EP 07111405 A 20070629

Priority

DE 102006031031 A 20060705

Abstract (en)

[origin: EP1876329A2] The follower has a contact surface formed mirror-symmetrically to a longitudinal central plane (19) of a lever body (5b). The surface comprises a longitudinal plane of symmetry, which is inclined opposite to the longitudinal central plane of the lever body. A cylindrical roller (6b) is provided as a tapped surface and is arranged on bolts (7), which are aligned orthogonally to the longitudinal central plane, in a sliding- or in anti-friction bearing manner. The bolts are fixedly fastened to the lever body.

IPC 8 full level

F01L 1/18 (2006.01)

CPC (source: EP)

F01L 1/181 (2013.01); **F01L 1/185** (2013.01); **F01L 1/16** (2013.01); **F01L 2001/188** (2013.01); **F01L 2301/00** (2020.05); **F01L 2303/00** (2020.05); **F01L 2305/00** (2020.05)

Citation (search report)

- [Y] JP H09280016 A 19971028 - KUBOTA KK
- [Y] WO 0020730 A1 20000413 - EATON AUTOMOTIVE SPA [IT], et al
- [A] DE 19644916 A1 19980430 - SCHAEFFLER WAEELZLAGER OHG [DE]
- [A] DE 903151 C 19540201 - FIAT SPA
- [A] EP 0185570 A1 19860625 - PEUGEOT [FR], et al
- [A] JP 2002276309 A 20020925 - NSK LTD
- [A] JP 2004225551 A 20040812 - KOYO SEIKO CO
- [A] FR 62166 E 19550610

Cited by

US11156284B2

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 MT NL PL PT RO SE SI SK TR

Designated extension state (EPC)

AL BA HR MK RS

DOCDB simple family (publication)

EP 1876329 A2 20080109; EP 1876329 A3 20100407; EP 1876329 B1 20130814; DE 102006031031 A1 20080110

DOCDB simple family (application)

EP 07111405 A 20070629; DE 102006031031 A 20060705