

Title (en)
CAMSHAFT SUPPORT STRUCTURE

Title (de)
TRAGESTRUKTUR FÜR EINE NOCKENWELLE

Title (fr)
STRUCTURE DE SUPPORT D'ARBRE À CAMES

Publication
EP 2767680 A4 20150930 (EN)

Application
EP 11873837 A 20111011

Priority
JP 2011073339 W 20111011

Abstract (en)
[origin: EP2767680A1] Support bases (4) for supporting camshafts (5, 6) in a rotatable manner are mounted on the cylinder head (1) of an internal combustion engine. The support bases (4) are provided so as to be separated from each other in the axial direction of the camshafts (5, 6). Each of the support bases (4) comprises bearing portions (45b, 45c) which support the camshafts (5, 6) and a through-hole (41 d) which extends in the axial direction of the camshafts (5, 6). A rod (7) is inserted through the through-holes (41d), and the rod (7) restricts the bearing portions (45b, 45c) from being displaced from positions at which the bearing portions (45b, 45c) are located while the internal combustion engine is stopped and cold.

IPC 8 full level
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CPC (source: EP US)
F01L 1/053 (2013.01 - EP US); **F01L 1/46** (2013.01 - US); **F01L 2001/0476** (2013.01 - EP US); **F01L 2001/0537** (2013.01 - EP US)

Citation (search report)

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- [A] WO 2007083224 A2 20070726 - TOYOTA MOTOR CO LTD [JP], et al
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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

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