

Title (en)

CAMSHAFT SUPPORT STRUCTURE OF AN INTERNAL COMBUSTION ENGINE AND ASSEMBLY METHOD THEREOF

Title (de)

NOCKENWELLENTRÄGERSTRUKTUR EINES VERBRENNUNGSMOTORS UND MONTAGEVERFAHREN DAFÜR

Title (fr)

STRUCTURE SUPPORT D'ARBRE À CAME DE MOTEUR À COMBUSTION INTERNE ET PROCÉDÉ D'ASSEMBLAGE CORRESPONDANT

Publication

EP 1974127 A2 20081001 (EN)

Application

EP 07700498 A 20070118

Priority

- IB 2007000126 W 20070118
- JP 2006010948 A 20060119

Abstract (en)

[origin: WO2007083224A2] A lash adjuster support portion (40) is integrally formed with a lower cam carrier (50). The lower cam carrier (50) is fixed onto a cylinder head (12) into which an intake valve (20) and an exhaust valve (22) have been fitted. After a lash adjuster (60) is set in the lash adjuster support portion (40), a rocker arm (64) is placed on the intake side and a rocker arm (68) is placed on the exhaust side. Camshafts are then placed on the lower cam carrier (50) such that the rocker arm (64) contacts an intake cam (66) and the rocker arm (68) contacts an exhaust cam (70). An upper cam carrier (44) is then assembled to the lower cam carrier (50), thus completing the camshaft support structure.

IPC 8 full level

F01L 1/053 (2006.01); **F01L 1/24** (2006.01)

CPC (source: EP KR US)

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Citation (search report)

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