

Title (en)

Rocker arm arrangement on an internal-combustion engine cylinder head.

Title (de)

Kipphebelanordnung auf einem Zylinderkopf einer Brennkraftmaschine.

Title (fr)

Agencement d'une rampe de culbuteurs sur une culasse de moteur à combustion interne.

Publication

EP 0263734 A1 19880413 (FR)

Application

EP 87402055 A 19870915

Priority

FR 8613702 A 19861001

Abstract (en)

1. Rocker arm arrangement on an internal combustion engine cylinder head (4), the latter having bearings (6) for a camshaft (2), partly defined by the cylinder head (4) and partly by at least one camshaft bearing cap (7) fitted to the cylinder head, together with supports (4a) for the rocker arm system, the latter having a shaft (1) fixed to said supports, rocker arms (3) mounted in oscillating manner about said shaft and cooperating with the cams of the camshaft (2), together with means for guiding (9) the rocker arms (3), defining guide surface (10) perpendicular to said shaft, at least one camshaft bearing cap (7) having at least one lateral extension (9) defining said guide surface (10), characterized in that said supports (4a) for the rocker arm arrangement do not include the camshaft bearing cap (7) and that the shaft of the rocker arms (1) is fixed to at least one support (4a) provided in the cylinder head.

Abstract (fr)

Selon l'invention les culbuteurs (3) montés oscillants sur un axe (1) sont guidés latéralement par des prolongements latéraux (9) des chapeaux (7) délimitant en partie les paliers de l'arbre à cames adjacent (2). De ce fait l'axe (1) peut être fixé sur ses supports (4<a>), directement par des vis (5) et le guidage des culbuteurs est particulièrement précis.

IPC 1-7

F01L 1/18; **F01L 1/04**

IPC 8 full level

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

CPC (source: EP)

F01L 1/053 (2013.01); **F01L 1/181** (2013.01)

Citation (search report)

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Designated contracting state (EPC)

DE GB IT

DOCDB simple family (publication)

EP 0263734 A1 19880413; **EP 0263734 B1 19900425**; DE 3762443 D1 19900531; FR 2605047 A1 19880415; FR 2605047 B1 19890127

DOCDB simple family (application)

EP 87402055 A 19870915; DE 3762443 T 19870915; FR 8613702 A 19861001