

Title (en)

Valve operating mechanism for internal combustion engine

Title (de)

Ventilantriebsmechanismus für Brennkraftmaschine

Title (fr)

Mécanisme de commande de soupape pour moteur à combustion interne

Publication

EP 0519494 B1 19970611 (EN)

Application

EP 92110385 A 19861001

Priority

- EP 92110385 A 19861001
- EP 86307548 A 19861001

Abstract (en)

[origin: EP0519494A1] A valve operating mechanism for operating at least one valve of an internal combustion engine, includes a camshaft (2) rotatable in synchronism with rotation of the internal combustion engine and having a pair of low- and high-speed cams (3,5) of different cam profiles, a rocker shaft (6), and a pair of first and second rocker arms (7,8) rotatably mounted on the rocker shaft and operable selectively by the low- and high-speed cams for operating the valve according to the cam profiles of the cams. A selective coupling (21) is operatively disposed in and between the first and second rocker arms for interconnecting the first and second rocker arms in high-speed operation of the engine and for disconnecting the first and second rocker arms from each other in low-speed operation of the engine. <IMAGE>

IPC 1-7

F01L 1/26; **F01L 31/22**

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CPC (source: EP)

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Citation (examination)

- EP 0213758 A1 19870311 - HONDA MOTOR CO LTD [JP]
- EP 0213759 A1 19870311 - HONDA MOTOR CO LTD [JP]

Cited by

CN102449275A; US8955476B2; WO2010136875A1

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