

Title (en)

A valve operating mechanism for an internal combustion engine

Title (de)

Ventiltriebvorrichtung für eine Brennkraftmaschine

Title (fr)

Mécanisme de commande de soupape pour un moteur à combustion interne

Publication

EP 0474217 B1 19960724 (EN)

Application

EP 91114944 A 19910904

Priority

JP 23526890 A 19900904

Abstract (en)

[origin: EP0474217A2] The present invention relates to a self-operating mechanism for a 4-cycle internal combustion engine comprising more than two intake valves and a plurality of exhaust valves, specifically to a 5-valve engine. In order to provide sufficient space for the cooling jacket on the exhaust side of the cylinder head and/or increasing the valve lift of the exhaust valves without increasing the total height of the engine, the valve spring retainers of the exhaust valves together with the upper ends of the associated exhaust valve springs are accommodated inside the exhaust valve lifters, respectively, while the valve spring retainers of the intake valves are disposed adjacent to a lower end of the associated intake valve lifters. <IMAGE>

IPC 1-7

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IPC 8 full level

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Citation (examination)

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