

Title (en)

VALVE ACTUATING MECHANISM FOR AN INTERNAL COMBUSTION ENGINE

Title (de)

VENTILBETÄTIGUNGSMECHANISMUS FÜR EINE BRENNKRAFTMASCHINE

Title (fr)

MECANISME DE COMMANDE DE SOUPAPES POUR UN MOTEUR A COMBUSTION INTERNE

Publication

EP 0636206 B1 19960717 (DE)

Application

EP 93908895 A 19930402

Priority

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- EP 9300822 W 19930402

Abstract (en)

[origin: WO9321427A1] A valve actuating mechanism for the inlet valves (E) of a cylinder of an internal combustion engine has first drag levers (6), each operating an inlet valve (E) and actuated by a cam (2, 3 or 4), for a lower rotation speed range, and second drag levers (9) which are arranged between adjacent first drag levers (6) and actuated by their own identical cams (8) for the upper rotation speed range. The second drag levers (9) are interconnected by a cross-member (10). The first drag levers (6) contain radially movable pistons (12) which are pushed outwards in the upper rotation speed range by a pressurized medium and on which the cross-member (10) of the second drag levers (9) can be supported. The valves (E) are thus actuated by the second drag levers (9) according to the contour of the cams (8).

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