

Title (en)
VALVE GEAR MECHANISM FOR A MULTI-CYLINDER INTERNAL COMBUSTION ENGINE

Title (de)
VENTILTRIEB FÜR EINE MEHRZYLINDER-BRENNKRAFTMASCHINE

Title (fr)
MECANISME DE DISTRIBUTION POUR MOTEUR A COMBUSTION INTERNE MULTICYLINDRE

Publication
EP 0723627 B1 19980304 (DE)

Application
EP 94928822 A 19940926

Priority
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• EP 9403213 W 19940926

Abstract (en)
[origin: WO9510694A1] In a valve gear-mechanism for a multi-cylinder internal combustion engine, the inlet valves (E1, E2) are actuated optionally by first cams on a camshaft via first finger levers (7) or by second cams via second finger levers (9), the first and second finger levers being separate or linked together by coupling pins (13) to which a pressure medium can be applied via a longitudinal channel (15) in the finger lever shaft. In order to be able to cut individual cylinders out, the first cams allocated to the inlet valves (E1) of the cylinder concerned have a zero-lift contour and in the longitudinal channel (15) there is a sealed section (15a) allocated to one of said valves (E1) which can individually be connected to a source of pressure medium so that, when the supply of pressure medium is interrupted, the inlet valves of said cylinder are stopped and, on connection to the source of pressure medium, the inlet valves are actuated in accordance with the contour of the second cam.

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