

Title (en)

Hydraulic valve drive for 2 valves simultaneously in a diesel engine

Title (de)

Hydraulische Steuereinrichtung für gleiche Ventile eines Dieselmotors

Title (fr)

Dispositif d'actionnement de 2 soupapes simultanément dans un moteur diesel

Publication

EP 1260680 A3 20030502 (DE)

Application

EP 02002524 A 20020204

Priority

DE 10124869 A 20010522

Abstract (en)

[origin: EP1260680A2] Pressure chambers are provided in the control piston (8) for the identical valves (4,5) and are connected through control ducts (11,12) to pressure supply lines (6,7) which are opened and closed through magnetic valves (91,0). The control pistons hold the engine valves (4,5) in a preliminary stage in the closed position (S) and in a following stage with a preliminary stroke. In a further stage the engine valves are adjustable into a maximum opening position through the control piston.

IPC 1-7

F01L 9/02; **F01L 1/26**

IPC 8 full level

F01L 9/10 (2021.01)

CPC (source: EP)

F01L 9/10 (2021.01); **F01L 2800/00** (2013.01)

Citation (search report)

- [A] EP 0767295 A1 19970409 - NEW SULZER DIESEL AG [CH]
- [A] US 6173685 B1 20010116 - STURMAN ODED E [US]
- [A] PATENT ABSTRACTS OF JAPAN vol. 1999, no. 05 31 May 1999 (1999-05-31)

Cited by

EP1607593A3; FR2878559A1; US7191744B2; US8365690B2; WO2008004020A1

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EP 1260680 A2 20021127; **EP 1260680 A3 20030502**; **EP 1260680 B1 20060405**; AT E322610 T1 20060415; DE 10124869 A1 20021212; DE 10124869 C2 20030626; DE 50206283 D1 20060518

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