

Title (en)

DEVICE FOR THE VARIABLE CONTROL OF THE VALVES OF INTERNAL COMBUSTION ENGINES, ESPECIALLY FOR THE CHOKELESS LOAD CONTROL OF FOUR-STROKE ENGINES.

Title (de)

VORRICHTUNG ZUR VARIABLEN STEUERUNG DER VENTILE VON BRENNKRAFTMASCHINEN, INSBESONDERE ZUR DROSSELFREIEN LASTSTEUERUNG VON OTTOMOTOREN.

Title (fr)

DISPOSITIF PERMETTANT DE COMMANDER LES SOUPAPES DE MOTEURS A COMBUSTION, ET NOTAMMENT DE COMMANDER SANS PAPILLON LE CIRCUIT DE PUISSANCE DE MOTEURS A ESSENCE.

Publication

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Application

**EP 94902631 A 19931222**

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- DE 9301248 W 19931222

Abstract (en)

[origin: US5586527A] PCT No. PCT/DE93/01248 Sec. 371 Date Jun. 9, 1995 Sec. 102(e) Date Jun. 9, 1995 PCT Filed Dec. 22, 1993 PCT Pub. No. WO94/16203 PCT Pub. Date Jul. 21, 1994The invention relates to a possibility for the relative rotation of two camshafts for the control of internal combustion engines, more particularly to reduce the gas exchange losses of reciprocating 4-stroke engines. The invention more particularly enables very large adjustment angles of up to 220 DEG crank angle to be obtained.

IPC 1-7

**F01L 13/00**; **F01L 1/34**; **F01L 1/352**

IPC 8 full level

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CPC (source: EP US)

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Citation (search report)

See references of WO 9416203A1

Citation (examination)

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- PATENT ABSTRACTS OF JAPAN vol. 9, no. 235 (M-415)21. September 1985 & JP,A,60 091 054
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- PATENT ABSTRACTS OF JAPAN vol. 6, no. 71 (M-126)6. Mai 1982 & JP,A,57 012 161

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