

Title (en)

Variable valve control for an internal combustion engine

Title (de)

Variable Ventilsteuerung für eine Hubkolben-Brennkraftmaschine

Title (fr)

Commande de soupape variable pour un moteur à combustion interne

Publication

**EP 0947672 A3 20000802 (DE)**

Application

**EP 99104523 A 19990306**

Priority

DE 19814800 A 19980402

Abstract (en)

[origin: EP0947672A2] An inlet closed camshaft (3) has an inlet closed cam (5) for controlling the closure function of the inlet valve (7a,7b). An inlet operating lever transmits the positioning movement of the inlet opened cam (4a,4b) and the inlet closed cam (5) to the inlet valve (7a,7b). An outlet operating lever (10) transmits the positioning movement of the outlet cam (6) to the outlet valve (8). A device alters the phase position between the two camshafts (2,3). The distance of the central planes (11,27) of the inlet closed cam and outlet cam is less than the sum of half the outlet cam width and half the inlet closed cam width.

IPC 1-7

**F01L 13/00; F01L 1/26**

IPC 8 full level

**F01L 13/00** (2006.01)

CPC (source: EP US)

**F01L 13/0047** (2013.01 - EP US)

Citation (search report)

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- [A] GB 2180597 A 19870401 - SUMMERLIN FREDERICK ARTHUR
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Designated contracting state (EPC)

AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE

DOCDB simple family (publication)

**EP 0947672 A2 19991006; EP 0947672 A3 20000802**; DE 19814800 A1 19991014; US 6058896 A 20000509

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