

Title (en)

Variable valve driving gear, particularly for internal combustion engines

Title (de)

Variabler Ventiltrieb, insbesondere für Brennkraftmaschinen

Title (fr)

Entraînement de soupape variable, en particulier pour moteurs à combustion interne

Publication

EP 0761935 A3 19980211 (DE)

Application

EP 96110558 A 19960629

Priority

DE 19532334 A 19950901

Abstract (en)

[origin: EP0761935A2] The device has a setting lever (9) with a pivot joint (13) on a setting device (10). The joint is moved by the setting device along a path in a plane, which is at right angles to the camshaft (3). Due to this, the lever moves a roller (4) in the position area (11) close to the valve lever axis, between a control cam (2) and a valve lever (6) in a direction towards max. lifting of the control cam. In a position area (12) away from the valve lever axis, the lever moves the roller along a guide (8) in/on the valve lever at right angles to the cam lift of the control cam.

IPC 1-7

F01L 13/00

IPC 8 full level

F01L 1/18 (2006.01); **F01L 13/00** (2006.01)

CPC (source: EP US)

F01L 1/181 (2013.01 - EP US); **F01L 13/0021** (2013.01 - EP US); **F01L 13/0063** (2013.01 - EP US)

Citation (search report)

- [XPA] EP 0717174 A1 19960619 - ISUZU MOTORS LTD [JP]
- [XA] DE 4220816 A1 19940105 - SCHAEFFLER WÄLZLAGER KG [DE]
- [A] WO 9509298 A1 19950406 - LOTUS CAR [GB], et al
- [A] GB 2100344 A 19821222 - TOURTELOT EDWARD MORTIMER

Cited by

GB2322412A; US6425357B2

Designated contracting state (EPC)

DE ES FR GB IT

DOCDB simple family (publication)

DE 19532334 A1 19970306; DE 59608633 D1 20020314; EP 0761935 A2 19970312; EP 0761935 A3 19980211; EP 0761935 B1 20020123; ES 2171206 T3 20020901; US 5899180 A 19990504

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