

Title (en)

VALVE DRIVE FOR AN INTERNAL COMBUSTION ENGINE

Title (de)

VENTILTRIEB FÜR EINE BRENNKRAFTMASCHINE

Title (fr)

MÉCANISME DE DISTRIBUTION POUR MOTEUR À COMBUSTION INTERNE

Publication

**EP 2181250 A2 20100505 (DE)**

Application

**EP 07722012 A 20070309**

Priority

- DE 2007000437 W 20070309
- DE 102006012386 A 20060315

Abstract (en)

[origin: DE102006012386B3] The gear has a cam package that is axially adjustable on a cam shaft (1), which consists of two cams (2, 3), where the cams are provided with different profiles. The cams operate a gas exchange valve for adjusting different valve lift and/or valve timing. The cam (2) is connected with the cam shaft in a torque-proof manner, and the cam (3) is rotatably supported on the cam shaft. The cam (3) is connectable and separable with the cam (2) by a controllable main locking piston (6).

IPC 8 full level

**F01L 1/053** (2006.01); **F01L 1/047** (2006.01); **F01L 13/00** (2006.01)

CPC (source: EP KR US)

**F01L 1/047** (2013.01 - EP KR US); **F01L 1/053** (2013.01 - EP KR US); **F01L 13/00** (2013.01 - KR); **F01L 13/0015** (2013.01 - EP US); **F01L 13/0036** (2013.01 - EP US); **F01L 2013/0052** (2013.01 - EP US)

Citation (search report)

See references of WO 2007104287A2

Designated contracting state (EPC)

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Designated extension state (EPC)

AL BA HR MK RS

DOCDB simple family (publication)

**DE 102006012386 B3 20070830**; EP 2181250 A2 20100505; KR 20080104227 A 20081202; US 2009064952 A1 20090312; WO 2007104287 A2 20070920; WO 2007104287 A3 20071101

DOCDB simple family (application)

**DE 102006012386 A 20060315**; DE 2007000437 W 20070309; EP 07722012 A 20070309; KR 20077030892 A 20071228; US 91995107 A 20070309