

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

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Designated extension state (EPC)
AL BA HR MK RS

DOCDB simple family (publication)
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DOCDB simple family (application)
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