

Title (en)

METHOD AND DEVICE FOR ADJUSTING THE VALVE DRIVE OF AN INTERNAL-COMBUSTION ENGINE, ESPECIALLY A DIESEL ENGINE

Publication

EP 0071972 B1 19851009 (DE)

Application

EP 82107024 A 19820804

Priority

DE 3131278 A 19810807

Abstract (en)

[origin: US4461062A] A method and apparatus for the adjustment of the valve control of a reciprocating piston internal combustion engine with a cam shaft driven from the crankshaft by an endless, flexible transmission member, in which the cam shaft and a valve control adjustment device are brought into engagement with each other by a control member arranged transversely to the plane of the separating surface of a control space housing with a loosened threaded connection; the driving gear is nonrotatably fixed with respect to the cam shaft by way of the transmission member drivingly connected with the crankshaft and tensioned by a tensioning roller while the crankshaft is nonrotatably fixed in the TDC position with respect to the crankcase by a locking pin.

IPC 1-7

F01L 1/04; **F01L 1/12**; **F02F 7/00**

IPC 8 full level

F01L 1/04 (2006.01); **F01L 1/053** (2006.01); **F01L 1/12** (2006.01); **F01L 1/46** (2006.01); **F02B 77/08** (2006.01); **F02F 7/00** (2006.01); **F02B 3/06** (2006.01)

CPC (source: EP US)

F01L 1/053 (2013.01 - EP US); **F01L 1/46** (2013.01 - EP US); **F01L 2303/01** (2020.05 - EP US); **F02B 3/06** (2013.01 - EP US); **F02B 2275/20** (2013.01 - EP US); **Y10T 29/49231** (2015.01 - EP US); **Y10T 29/49302** (2015.01 - EP US); **Y10T 29/53** (2015.01 - EP US)

Cited by

CN107178434A; CN104963760A; FR3021995A1; CN103939202A; EP1892385A1; DE3832812A1; CN104329168A; DE3926430A1; EP0124433A3; FR2545193A1; WO2015185820A1

Designated contracting state (EPC)

AT DE FR GB IT

DOCDB simple family (publication)

EP 0071972 A2 19830216; **EP 0071972 A3 19840208**; **EP 0071972 B1 19851009**; AT E16036 T1 19851015; DE 3131278 A1 19830224; DE 3266839 D1 19851114; JP S5830407 A 19830222; JP S6344923 B2 19880907; US 4461062 A 19840724; US 4570334 A 19860218

DOCDB simple family (application)

EP 82107024 A 19820804; AT 82107024 T 19820804; DE 3131278 A 19810807; DE 3266839 T 19820804; JP 13578282 A 19820805; US 40604582 A 19820806; US 59158684 A 19840320