

Title (en)

Valve drive for an internal combustion engine

Title (de)

Steuertrieb für eine Brennkraftmaschine

Title (fr)

Entraînement de soupapes pour un moteur à combustion interne

Publication

EP 1085173 B1 20060322 (DE)

Application

EP 00117265 A 20000816

Priority

DE 19960130 A 19990913

Abstract (en)

[origin: EP1085173A2] The control drive has meshing toothed gears (13,17) located on a carrier unit (9) fastened to the engine housing. The carrier unit is fastened directly to the housing via a rigid screw connection (19) in an area on the crankshaft side, and in an area away from the crankshaft, fastening is via a clearance compensation element (21). The carrier unit is formed by two plates (11) enclosing the gears. It consists of a material, which has approx. the same heat expansion characteristics of the material of the bearing web.

IPC 8 full level

F01L 1/02 (2006.01); **F02B 67/00** (2006.01); **F02B 67/04** (2006.01); **F02B 75/22** (2006.01); **F02B 75/18** (2006.01)

CPC (source: EP)

F01L 1/02 (2013.01); **F01L 1/024** (2013.01); **F01L 1/026** (2013.01); **F02B 67/04** (2013.01); **F02B 75/22** (2013.01); **F02B 2075/184** (2013.01)

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EP 1085173 A2 20010321; **EP 1085173 A3 20020410**; **EP 1085173 B1 20060322**; AT E321192 T1 20060415; DE 19960130 A1 20010315; DE 50012429 D1 20060511

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