

Title (en)
Variable valve driving gear for internal combustion engines

Title (de)
Variabler Ventiltrieb für Verbrennungskraftmaschinen

Title (fr)
Commande de soupape variable pour moteur à combustion interne

Publication
EP 1748160 B1 20080123 (DE)

Application
EP 06013565 A 20060630

Priority
DE 102005035315 A 20050728

Abstract (en)
[origin: EP1748160A1] The variable valve drive has at least one camshaft, a pivoting lever (14) in the cylinder head that interacts with a valve (17) closed under spring force, a supporting body (5) with a control cam for valve lift adjustment and an intermediate element (9) guided between the supporting body and pivoting lever. The intermediate element engages the lever first via a supporting surface on the supporting body, second via the control cam and third via an outer contour surface on the intermediate element and can be displaced by a cam (2) on the camshaft (1).

IPC 8 full level
F01L 13/00 (2006.01)

CPC (source: EP US)
F01L 13/0063 (2013.01 - EP US); **F01L 13/0026** (2013.01 - EP US); **F01L 2013/0068** (2013.01 - EP US); **F01L 2305/00** (2020.05 - EP US)

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