

Title (en)
Valve drive for an internal combustion engine

Title (de)
Ventiltrieb für eine Brennkraftmaschine

Title (fr)
Mécanisme de commande de soupapes pour moteur à combustion interne

Publication
EP 1503048 B1 20081008 (DE)

Application
EP 04010397 A 20040503

Priority
DE 10332927 A 20030719

Abstract (en)
[origin: EP1503048A1] The valve drive (2) has a sliding cam device (10) with cam paths lying next to each other with different cam forms (NI,NII,NIII) and hoisting curves that function together with actuators (22-25). The actuators have control pins (18-21) for adjusting the sliding cam device. One of the hoisting curves has different hoisting curve sections for an engaged control pin of a corresponding actuator. An independent claim is also included for the internal combustion engine including the valve drive.

IPC 8 full level
F01L 1/053 (2006.01); **F01L 1/344** (2006.01); **F01L 13/00** (2006.01)

CPC (source: EP US)
F01L 1/053 (2013.01 - EP US); **F01L 13/0036** (2013.01 - EP US); **F01L 2013/0052** (2013.01 - EP US); **F01L 2305/00** (2020.05 - EP US)

Cited by
DE102017106350B3; DE102004024219B4; DE102012112039A1; DE102007010149A1; CN108868945A; DE102007010156A1; CN105723057A; DE102007010154A1; DE102007010157A1; DE102007010151A1; DE102016223060A1; DE102007010150A1; DE102004024219A1; DE102005003079B4; US9121354B2; US9103243B2; US8844130B2; US9145835B2; WO2009056427A1; WO2009056221A1; WO2014161620A1; WO2009152927A1; WO2008107111A1; WO2012171545A1; WO2009030434A1; WO2011026562A1; DE102009039733A1; US7963261B2; US8365692B2; US8307795B2; WO2008012306A1; WO2015070862A1; WO2012146361A1; WO2012167867A1; US11085340B2; DE102010060766B4

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EP 04010397 A 20040503; DE 502004008185 T 20040503; JP 2004209923 A 20040716; US 87912804 A 20040630