

Title (en)

Mechanically controllable valve drive for a reciprocating piston engine

Title (de)

Mechanisch steuerbarer Ventiltrieb für eine Hubkolbenmaschine

Title (fr)

Commande de soupape à commande mécanique pour une machine à pistons

Publication

EP 2716882 B1 20150624 (DE)

Application

EP 13183705 A 20130910

Priority

DE 102012109538 A 20121008

Abstract (en)

[origin: EP2716882A1] The drive has a cam assembly (12) comprising a camshaft (14) and a cam (16) for a gas exchange valve (18). An intermediate lever assembly (26) comprises an intermediate lever (28) with a working curve (30) having curve portions. A valve lift adjustment assembly (24) shifts a valve (22) between a zero lift and a maximum lift. A drag lever assembly (32) is in operative connection with the working curve, and a device provides a valve-lift standstill range such that the valve is opened for a turning angle of the camshaft with a flattened valve lift height in a maximum lift position. An independent claim is also included for an internal combustion engine.

IPC 8 full level

F01L 13/00 (2006.01); **F01L 1/08** (2006.01); **F01L 9/20** (2021.01)

CPC (source: EP US)

F01L 1/04 (2013.01 - EP US); **F01L 1/08** (2013.01 - EP US); **F01L 9/20** (2021.01 - EP US); **F01L 13/0063** (2013.01 - EP US); **F01L 2013/0068** (2013.01 - EP US)

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