

Title (en)

Valve drive for a combustion engine, and internal combustion engine

Title (de)

Ventiltrieb für eine Brennkraftmaschine und Brennkraftmaschine

Title (fr)

Commande de soupape pour un moteur à combustion et moteur à combustion

Publication

**EP 2636859 B1 20150311 (DE)**

Application

**EP 13153150 A 20130129**

Priority

DE 102012203702 A 20120308

Abstract (en)

[origin: EP2636859A1] The valve train (10) has a shift element (24) that is provided for separating and coupling a partial-load rocker arm (14) and a full load rocker arm (13) respectively in inactivated state and activated state. A crank rod (26) is guided either at partial-load rocker arm or at full load rocker arm in thrust direction, such that rocker arms are coupled together in activated state. A cam (17) of cam shaft (16) is defined for displacing the crank rod in relation to the respective cam base circle radially inside a cam contour, in order to ensure the coupling and separation of rocker arms.

IPC 8 full level

**F01L 13/00** (2006.01); **F01L 1/08** (2006.01); **F01L 1/26** (2006.01)

CPC (source: EP KR)

**F01L 1/08** (2013.01 - EP); **F01L 1/18** (2013.01 - KR); **F01L 1/267** (2013.01 - EP); **F01L 1/34** (2013.01 - KR); **F01L 13/00** (2013.01 - KR); **F01L 13/0036** (2013.01 - EP)

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DOCDB simple family (publication)

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