

Title (en)

Switchable rocker arm of a valve train of an internal combustion engine

Title (de)

Schaltbarer Schleppebel eines Ventiltriebs einer Brennkraftmaschine

Title (fr)

Culbuteur commutable d'un mécanisme de distribution d'un moteur à combustion interne

Publication

EP 1785595 A1 20070516 (DE)

Application

EP 06122627 A 20061020

Priority

DE 102005053596 A 20051110

Abstract (en)

Two levers (3,4) run on a common shaft (5) so as to swivel relative to one another. The shaft is arranged between the complementary face (11) for a support and the lifting faces (12,13) for the lifting cams when viewed from a longitudinal direction of the valve rocker lever (1). The arms (2) of the outer lever at one end (8) terminate in end faces (15) directly after their lifting faces and the inner lever. The area of a seating face of the inner lever protrudes beyond the end faces of the arms of the outer lever.

IPC 8 full level

F01L 1/18 (2006.01); **F01L 13/00** (2006.01)

CPC (source: EP KR US)

F01L 1/18 (2013.01 - KR); **F01L 1/185** (2013.01 - EP US); **F01L 13/00** (2013.01 - KR); **F01L 13/0005** (2013.01 - EP US); **F01L 13/0036** (2013.01 - EP US); **F01L 1/182** (2013.01 - EP US); **F01L 2001/186** (2013.01 - EP US); **F01L 2305/00** (2020.05 - EP US); **F01L 2820/031** (2013.01 - EP US); **Y10T 74/2107** (2015.01 - EP US)

Citation (search report)

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- [A] WO 2005093224 A1 20051006 - TIMKEN US CORP [US], et al
- [A] DE 10155825 A1 20030522 - INA SCHAEFFLER KG [DE]

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DOCDB simple family (application)

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