

Title (en)

ROCKER ARM OF A VALVE GEAR OF A COMBUSTION ENGINE

Title (de)

SCHLEPPHEBEL EINES VENTILTRIEBS EINER BRENNKRAFTMASCHINE

Title (fr)

BASCULEUR D'UN MECANISME DE DISTRIBUTION D'UN MOTEUR A COMBUSTION INTERNE

Publication

**EP 1616082 A1 20060118 (DE)**

Application

**EP 04759598 A 20040309**

Priority

- EP 2004002369 W 20040309
- DE 10318295 A 20030423

Abstract (en)

[origin: WO2004094791A1] The invention relates to a rocker arm (1) that can be switched to different cam strokes. This rocker arm is comprised of an outer arm (2), between whose limbs (3) an inner arm (4) is pivotally mounted. The invention is characterized in that, inside the inner arm (4), starting from one end (9), a blind borehole (16) is provided with a coupling means (5), which can be longitudinally displaced therein and which, in the event of coupling, can be displaced in sections under a driver surface (18) of a crossbar (15) of the outer arm (2). At the same time, height stopping means (34) are applied to the inner arm (4) and are provided in the form of a simple, finger-like extension of the inner arm (4) at the end (9) thereof while extending away over the crossbar (15).

IPC 1-7

**F01L 1/18**; **F01L 13/00**

IPC 8 full level

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

CPC (source: EP US)

**F01L 1/185** (2013.01 - EP US); **F01L 13/0036** (2013.01 - EP US); **F01L 2001/186** (2013.01 - EP); **Y10T 74/20882** (2015.01 - EP US)

Citation (search report)

See references of WO 2004094791A1

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LI LU MC NL PL PT RO SE SI SK TR

DOCDB simple family (publication)

**WO 2004094791 A1 20041104**; AT E487852 T1 20101115; DE 10318295 A1 20041111; DE 502004011872 D1 20101223; EP 1616082 A1 20060118; EP 1616082 B1 20101110; US 2007006837 A1 20070111; US 7328675 B2 20080212

DOCDB simple family (application)

**EP 2004002369 W 20040309**; AT 04759598 T 20040309; DE 10318295 A 20030423; DE 502004011872 T 20040309; EP 04759598 A 20040309; US 55434604 A 20040309