

Title (en)
VALVE ACTUATOR FOR INTERNAL COMBUSTION ENGINE

Title (de)
VENTILBETÄTIGER FÜR EINEN VERBRENNUNGSMOTOR

Title (fr)
ACTIONNEUR DE SOUPAPE POUR MOTEUR À COMBUSTION INTERNE

Publication
EP 2557280 A1 20130213 (EN)

Application
EP 10849438 A 20100407

Priority
JP 2010056332 W 20100407

Abstract (en)
Provided is a valve operating apparatus for an internal combustion engine that, with respect to a configuration including urging means that urges a transfer member that transfers an acting force of a cam to a valve, can facilitate manufacture of a support portion of the urging means and suppress an increase in the mass of the internal combustion engine. A first rocker arm (18) is provided that is interposed between a main cam (14) and a valve (26) and that transfers an acting force of the main cam (14) to the valve (26). A lost motion mechanism (60) is provided that urges the first rocker arm (18) in one direction. A holding member (68) is provided that holds the lost motion mechanism (60). The lost motion mechanism (60) is attached to a spark plug tube (66) through the holding member (68).

IPC 8 full level
F01L 13/00 (2006.01); **F01L 1/18** (2006.01); **F01L 1/26** (2006.01)

CPC (source: EP US)
F01L 1/185 (2013.01 - EP US); **F01L 1/267** (2013.01 - EP US); **F01L 13/0036** (2013.01 - EP US); **F01L 2001/467** (2013.01 - EP US); **F01L 2013/0052** (2013.01 - EP US); **F01L 2305/00** (2020.05 - EP US); **F01L 2820/031** (2013.01 - EP US)

Cited by
CN112219016A

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AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO SE SI SK SM TR

DOCDB simple family (publication)
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