

Title (en)

Valve configurations for an internal combustion engine

Title (de)

Ventilkonfigurationen für eine Brennkraftmaschine

Title (fr)

Configurations de soupape pour un moteur à combustion interne

Publication

EP 3048274 A1 20160727 (EN)

Application

EP 15152314 A 20150123

Priority

EP 15152314 A 20150123

Abstract (en)

A valve stem extension (23) for connecting a valve stem (27) of an exhaust valve (13) or intake valve (11) with a rocker arm (25), the valve stem extension (23) comprises a rod section (31) having a rocker arm end (31A) and a valve stem end (31B), wherein each of the rocker arm end (31A) and the valve stem end (31B) is configured as a joint part portion such as ball joint or a ball socket part of a ball joint a hinge part or a hinge socket part of a hinge joint, or a pin receiving part of a pin joint. Such a valve stem extension (23) can be provided in an extended valve actuation system (21) for bridging varying rocker shaft positions while, for example, employing in size similar or identical valve stems (27).

IPC 8 full level

F01L 1/30 (2006.01); **F01L 1/12** (2006.01); **F01L 1/14** (2006.01); **F01L 1/18** (2006.01)

CPC (source: EP)

F01L 1/12 (2013.01); **F01L 1/146** (2013.01); **F01L 1/18** (2013.01); **F01L 1/181** (2013.01); **F01L 1/30** (2013.01)

Citation (search report)

- [X] WO 2014174268 A1 20141030 - CAMCON AUTO LTD [GB]
- [X] US 1541081 A 19250609 - EDMOND VAREILLE PIERRE HENRI
- [X] DE 1108981 B 19610615 - KLOECKNER HUMBOLDT DEUTZ AG
- [X] US 4364341 A 19821221 - HOLTMANN TEODORO

Designated contracting state (EPC)

AL 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 RS SE SI SK SM TR

Designated extension state (EPC)

BA ME

DOCDB simple family (publication)

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