

Title (en)
VALVE TRAIN FOR AN INTERNAL COMBUSTION ENGINE

Title (de)
VENTILTRIEB FÜR EINE BRENNKRAFTMASCHINE

Title (fr)
DISTRIBUTION POUR UN MOTEUR À COMBUSTION INTERNE

Publication
EP 3332099 A1 20180613 (DE)

Application
EP 16747791 A 20160805

Priority
• DE 102015215123 A 20150807
• EP 2016068798 W 20160805

Abstract (en)
[origin: WO2017025477A1] The invention relates to a valve train (1) for an internal combustion engine, comprising a cam shaft (2) and a cam follower (3), as well as a first cam (4a) that is mounted on said cam shaft (3) for conjoined rotation, and a second cam (4b) that is arranged for conjoined rotation and axially adjacent to said first cam (4a), wherein the cam follower (3) can be axially adjusted between a first position in which the cam follower (3) is drive-connected to the first cam (4a), and a second position in which the cam follower (3) is drive-connected to the second cam, said cam follower (3) having a mechanical, particularly an electromechanical adjustment device (7) that interacts with the cam shaft (2) and axially adjusts the cam follower (3) between the first and the second position.

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

CPC (source: EP US)
F01L 1/047 (2013.01 - EP US); **F01L 1/12** (2013.01 - EP US); **F01L 1/18** (2013.01 - EP US); **F01L 1/181** (2013.01 - US); **F01L 13/0005** (2013.01 - EP US); **F01L 13/0036** (2013.01 - EP US); **F01L 1/267** (2013.01 - US); **F01L 2013/001** (2013.01 - EP US); **F01L 2013/0052** (2013.01 - EP US); **F01L 2013/101** (2013.01 - EP US); **F01L 2305/00** (2020.05 - EP US); **F01L 2305/02** (2020.05 - US)

Citation (search report)
See references of WO 2017025477A1

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)
DE 102015215123 A1 20170209; CN 107923270 A 20180417; CN 107923270 B 20200317; EP 3332099 A1 20180613; EP 3332099 B1 20210303; US 10641142 B2 20200505; US 2018216505 A1 20180802; WO 2017025477 A1 20170216

DOCDB simple family (application)
DE 102015215123 A 20150807; CN 201680045524 A 20160805; EP 16747791 A 20160805; EP 2016068798 W 20160805; US 201615749113 A 20160805