

Title (en)
VALVETRAIN OF AN INTERNAL COMBUSTION ENGINE, AN INTERNAL COMBUSTION ENGINE, AND A METHOD FOR PRODUCING A CORRESPONDING VALVETRAIN

Title (de)
VENTILTRIEB EINER BRENNKRAFTMASCHINE, BRENNKRAFTMASCHINE SOWIE VERFAHREN ZUR HERSTELLUNG EINES ENTSPRECHENDEN VENTILTRIEBS

Title (fr)
COMMANDE DE SOUPAPE D'UN MOTEUR À COMBUSTION INTERNE, MOTEUR À COMBUSTION INTERNE ET PROCÉDÉ DE FABRICATION D'UNE COMMANDE DE SOUPAPE CORRESPONDANTE

Publication
EP 2739830 A1 20140611 (DE)

Application
EP 12743087 A 20120801

Priority
• DE 102011109256 A 20110802
• EP 2012003265 W 20120801

Abstract (en)
[origin: WO2013017270A1] The invention relates to a valvetrain (1) of an internal combustion engine, comprising at least one base camshaft (2) with a cam carrier (3) provided thereupon in a rotationally fixed and axially displaceable manner, which cam carrier (3) has at least one valve-actuating cam (8) as well as a tubular base element (4) that receives said base camshaft (2) in at least some sections. At least one cam element (6) of said cam carrier (3), in particular the valve-actuating cam (8), is arranged on said base element. According to the invention, at least one torque-transmitting connection element (12) is located between said base element (4) and said cam element (6). The invention also relates to an internal combustion engine which comprises at least one valvetrain (1), and to a method for producing a valvetrain (1).

IPC 8 full level
F01L 1/04 (2006.01); **F01L 1/053** (2006.01); **F01L 13/00** (2006.01)

CPC (source: EP US)
F01L 1/04 (2013.01 - EP US); **F01L 1/053** (2013.01 - EP US); **F01L 13/0036** (2013.01 - EP US); **F01L 13/0042** (2013.01 - EP US); **Y10T 29/49293** (2015.01 - EP US)

Citation (search report)
See references of WO 2013017270A1

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

DOCDB simple family (publication)
DE 102011109256 A1 20130207; **DE 102011109256 B4 20151119**; CN 103732867 A 20140416; CN 103732867 B 20160210; EP 2739830 A1 20140611; EP 2739830 B1 20150527; US 2014174389 A1 20140626; US 9255496 B2 20160209; WO 2013017270 A1 20130207

DOCDB simple family (application)
DE 102011109256 A 20110802; CN 201280038079 A 20120801; EP 12743087 A 20120801; EP 2012003265 W 20120801; US 201214236553 A 20120801