

Title (en)
VALVE GEAR MECHANISM

Title (de)
VENTILTRIEBVORRICHTUNG

Title (fr)
MÉCANISME DE COMMANDE DE SOUPAPES

Publication
EP 2209973 A1 20100728 (DE)

Application
EP 08851327 A 20081018

Priority
• EP 2008008845 W 20081018
• DE 102007056337 A 20071122

Abstract (en)
[origin: WO2009065475A1] The invention relates to a valve gear mechanism, especially of an internal combustion engine, comprising an actuation device (10) having at least one switching element (11) which is adapted to switch at least one cam element (13, 14) by means of a shifting gate (12). The valve gear mechanism is characterized by comprising a change-over device (15) for changing over a direction of switching of the switching element (11).

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

CPC (source: EP US)
F01L 1/053 (2013.01 - EP US); **F01L 13/0036** (2013.01 - EP US); **F01L 2013/0052** (2013.01 - EP US); **Y10T 29/49293** (2015.01 - EP US); **Y10T 74/2107** (2015.01 - EP US)

Citation (search report)
See references of WO 2009065475A1

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

Designated extension state (EPC)
AL BA MK RS

DOCDB simple family (publication)
DE 102007056337 A1 20090528; CN 101868599 A 20101020; CN 101868599 B 20121212; EP 2209973 A1 20100728; JP 2011504561 A 20110210; JP 5382662 B2 20140108; US 2010288218 A1 20101118; US 8291877 B2 20121023; WO 2009065475 A1 20090528

DOCDB simple family (application)
DE 102007056337 A 20071122; CN 200880116683 A 20081018; EP 08851327 A 20081018; EP 2008008845 W 20081018; JP 2010534381 A 20081018; US 80080710 A 20100521