

Title (en)  
Combustion engine

Title (de)  
Brennkraftmaschine

Title (fr)  
Moteur à combustion interne

Publication  
**EP 2905435 B1 20171108 (DE)**

Application  
**EP 15152072 A 20150122**

Priority  
DE 102014202439 A 20140211

Abstract (en)  
[origin: US2015226160A1] An internal combustion engine may include at least one camshaft that may have an outer shaft and an inner shaft that is adjustable relative to the outer shaft. At least one first cam may be fixedly connected to the outer shaft for actuating an outlet valve. At least one second cam may be fixedly connected to the inner shaft. The at least one second cam, in an activated angular position, may enable an internal exhaust gas recirculation via actuating the outlet valve.

IPC 8 full level  
**F01L 1/344** (2006.01); **F01L 1/047** (2006.01)

CPC (source: EP US)  
**F01L 1/047** (2013.01 - EP US); **F01L 1/34413** (2013.01 - EP US); **F01L 13/0036** (2013.01 - EP US); **F02M 26/01** (2016.02 - EP US); **F02M 26/22** (2016.02 - EP US); **F01L 2001/0471** (2013.01 - EP US); **F01L 2800/10** (2013.01 - EP US)

Cited by  
WO2019243198A1

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)  
**EP 2905435 A1 20150812; EP 2905435 B1 20171108**; DE 102014202439 A1 20150813; US 2015226160 A1 20150813;  
US 9874178 B2 20180123

DOCDB simple family (application)  
**EP 15152072 A 20150122**; DE 102014202439 A 20140211; US 201514618547 A 20150210