

## Title (en)

INTERNAL COMBUSTION ENGINE, METHOD OF MODIFYING AN ENGINE AND METHOD OF RUNNING AN ENGINE

## Title (de)

VERBRENNUNGSMOTOR, VERFAHREN ZUR MODIFIZIERUNG EINES MOTORS UND VERFAHREN ZUM BETRIEB EINES MOTORS

## Title (fr)

MOTEUR À COMBUSTION INTERNE, PROCÉDÉ DE MODIFICATION D'UN MOTEUR ET PROCÉDÉ D'EXPLOITATION D'UN MOTEUR

## Publication

**EP 3489492 A1 20190529 (EN)**

## Application

**EP 18207872 A 20181122**

## Priority

US 201715821138 A 20171122

## Abstract (en)

An internal combustion engine; wherein at least two cylinders continuously communicate via the cylinder head; and wherein the connecting rod in one cylinder is offset from the connecting rod in the second cylinder by a first angle preferably between 8 and 12 degrees as measured from the crankshaft. Fuel is injected only to the trailing cylinder to increase efficiency and a camshaft having a second offset of one-half of the first angle offset may be provided.

## IPC 8 full level

**F02D 17/02** (2006.01)

## CPC (source: EP)

**F02B 75/1896** (2013.01); **F02B 2023/085** (2013.01); **F02D 13/0215** (2013.01)

## Citation (applicant)

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## 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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## DOCDB simple family (application)

**EP 18207872 A 20181122**; AU 2018101638 A 20181031; AU 2018256587 A 20181031; BR 102018073962 A 20181122; CA 3021866 A 20181023; MX 2018014302 A 20181121