

Title (en)

VALVE-FREE FOUR-STROKE COMBUSTION ENGINE WITH AXIALLY OPPOSED PISTONS

Title (de)

VENTILLOSER VIERTAKT-VERBRENNUNGSMOTOR MIT AXIAL ENTGEGENGESETZTEN KOLBEN

Title (fr)

MOTEUR À COMBUSTION INTERNE À QUATRE TEMPS, SANS SOUPAPES, À PISTONS OPPOSÉS AXIALEMENT

Publication

**EP 2643562 B1 20150114 (EN)**

Application

**EP 11811196 A 20111122**

Priority

- SK 1802010 U 20101124
- SK 2011050020 W 20111122

Abstract (en)

[origin: WO2012071021A1] A valve-free four-stroke combustion engine with axially opposed pistons, characteristic in that it comprises an engine block (6) that contains sliding cylinders (5) with pistons (4) pin-fastened to connecting rods with cogs (3) with a working hemisphere (7) and a reversible hemisphere (8), which are in permanent sliding contact with the inclined plate (2) attached to a shaft (1).

IPC 8 full level

**F01L 7/04** (2006.01); **F02B 75/26** (2006.01); **F02B 75/28** (2006.01)

CPC (source: EP)

**F01B 3/007** (2013.01); **F01B 3/02** (2013.01); **F01B 7/06** (2013.01); **F01L 7/04** (2013.01); **F02B 75/26** (2013.01); **F02B 75/28** (2013.01); **F02B 75/282** (2013.01)

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DOCDB simple family (publication)

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