

Title (en)
Internal combustion rotary engine

Title (de)
Verbrennung Rotationskolbenmotor

Title (fr)
Moteur rotatif a combustion interne

Publication
EP 2762675 A1 20140806 (EN)

Application
EP 13153780 A 20130203

Priority
EP 13153780 A 20130203

Abstract (en)
The invention describes an internal combustion rotary engine designed for the operation of vehicles or certain tools, machinery, and equipment. Internal combustion rotary engine comprising of a volumetric blade rotary compressor (1), a volumetric blade rotary engine (2) consisting of a housing (12), which holds rotor (13), which is equipped with some slots (13a), on which blades (14) are mounted. Housing (12) is built inside with a complex bore consists of two cylindrical bore (12a), (12b), concentric with rotor (13). The compressed air or mixed fuel is taken in by the constant volume chambers (a 0) and (b 0) through the engine supply channel (AM) located in the secondary bore (12b) area. The constant volume chambers (a 0) and (b 0) go to the ignition channel (I), the ignited gas acting upon the blades and thus produces useful work.

IPC 8 full level
F01C 11/00 (2006.01); **F01C 1/344** (2006.01); **F01C 21/10** (2006.01)

CPC (source: EP)
F01C 1/344 (2013.01); **F01C 11/004** (2013.01); **F01C 21/106** (2013.01)

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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)
EP 2762675 A1 20140806

DOCDB simple family (application)
EP 13153780 A 20130203