

Title (en)  
A ROTARY ENGINE

Title (de)  
ROTATIONSMOTOR

Title (fr)  
MOTEUR ROTATIF

Publication  
**EP 1399658 A1 20040324 (EN)**

Application  
**EP 02704000 A 20020307**

Priority  
• SE 0200402 W 20020307  
• SE 0100744 A 20010307

Abstract (en)  
[origin: WO02070878A1] A combustion engine (10) comprises compression and drive units (30, 40) with co-rotating elements (30a, 30b, 40a, 40b) and at least one external combustion chamber (20) in fluid communication with the units. Each of the units (30, 40) has two co-operating lobes (30a, 30b, 40a, 40b) rotatable in a housing on shafts (50, 60, 70, 80) with opposite rotational directions, the respective lobe shafts of the units being in connection with each other. The lobes are arranged to control the inlet (20a) and outlet (20b) to and from the at least one combustion chamber and the atmosphere. The outlet (20b) of the at least one combustion chamber (20) extends radially towards its associated lobe (40a, 40b) or the drive unit (40).

IPC 1-7  
**F02B 55/02**; **F01C 1/12**; **F01C 1/24**

IPC 8 full level  
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CPC (source: EP)  
**F01C 1/126** (2013.01); **F01C 11/004** (2013.01)

Citation (search report)  
See references of WO 02070878A1

Citation (examination)  
• US 597709 A 18980125  
• GB 464475 A 19370416 - MILO AB  
• US 2627161 A 19530203 - IMMANUEL LINDHAGEN TEODOR, et al  
• US 3405604 A 19681015 - ALF LYSHOLM

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