

Title (en)  
Engine and method for power generation

Title (de)  
Motor und Kraftgewinnungsverfahren

Title (fr)  
Moteur et procédé de génération de puissance

Publication  
**EP 1645719 A1 20060412 (DE)**

Application  
**EP 05020570 A 20050921**

Priority  
DE 102004046683 A 20040924

Abstract (en)  
The engine has a connecting structure (20) placed between a compression unit (10) and an expansion unit (30). The structure has an air inlet area (23) for receiving compressed air from the compression unit, and a gas outlet area (24) for transferring gas to the expansion unit (30). The structure includes a gas volume which is delimited by the unit (10) in the area (23) and by the unit (30) in the area (24). An independent claim is also included for a power generating method .

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

CPC (source: EP US)  
**F01C 11/004** (2013.01 - EP US)

Citation (search report)

- [X] US 5489199 A 19960206 - PALMER WILLIAM R [US]
- [X] DE 29518546 U1 19960418 - STOPE DIETMAR DIPL ING [DE]
- [X] EP 0013180 A1 19800709 - HILL CRAIG CHILTON

Cited by  
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Designated contracting state (EPC)  
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC NL PL PT RO SE SI SK TR

DOCDB simple family (publication)  
**EP 1645719 A1 20060412**; DE 102004046683 A1 20060330; US 2006065232 A1 20060330

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**EP 05020570 A 20050921**; DE 102004046683 A 20040924; US 23559505 A 20050926