

Title (en)  
Two cycle hot gas engine

Title (de)  
Zwei-Zyklen-Heissgasmotor

Title (fr)  
Moteur à gaz chaud à deux temps

Publication  
**EP 1306539 A2 20030502 (DE)**

Application  
**EP 02023231 A 20021016**

Priority  
• DE 10153772 A 20011024  
• DE 10216190 A 20020405  
• DE 10240347 A 20020828  
• DE 10240750 A 20020829

Abstract (en)  
An expansion piston (EP) (2) and a compression piston (CP) (4) fit along a common center axis (6) and operate when aligned in series. First gas chambers (GK1) in a compression cylinder component (5) on the underside (15) of the CP and in an expansion cylinder component (3) on the underside (16) of the EP connect via a first heater (18), a first regenerator (19) and a first cooler (20). <??>Second gas chambers (GK2) in the compression cylinder component on the topside (21) of the compression piston and in the expansion cylinder component on the topside (22) of the expansion piston connect via a second heater (24), a second regenerator (25) and a second cooler (26).

Abstract (de)  
Die Erfindung bezieht sich auf einen Zwei-Zyklen-Heißgasmotor mit einem Expansionskolben in einem erhitzbaren Zylinderbauteil und einem Kompressionskolben in einem kühlbaren Zylinderbauteil. Der Expansionskolben und der Kompressionskolben sind entlang einer gemeinsamen Mittelachse angeordnet. <IMAGE>

IPC 1-7  
**F02G 1/043**

IPC 8 full level  
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