

Title (en)  
STEAM DRIVEN ENGINE

Title (de)  
DAMPFGETRIEBENE MASCHINE

Title (fr)  
MOTEUR A VAPEUR

Publication  
**EP 1714005 A1 20061025 (EN)**

Application  
**EP 05701781 A 20050106**

Priority  
• GB 2005000010 W 20050106  
• GB 0400437 A 20040109

Abstract (en)  
[origin: WO2005066461A1] A steam driven engine comprising means (32) for delivering pressurised steam at right angles onto drive vanes (17, 18, 19) located on two or more interconnected co-axial rotatable cylindrical rotors (11, 12, 13) across each of which the respective drive vanes extend radially at an angle to their axis of rotation, a second rotor (12) being of greater length than the first (11), and in which the drive vanes of each rotor revolve in an annular pressure chamber surrounding each rotor, the swept volume of the vanes in the annular pressure chamber surrounding the second rotor being greater than that of the swept volume of the vanes in the annular pressure chamber surrounding the first rotor.

IPC 8 full level  
**F01D 1/02** (2006.01); **F01D 1/10** (2006.01); **F01D 1/34** (2006.01); **F03B 1/02** (2006.01); **F03B 11/04** (2006.01)

CPC (source: EP)  
**F01D 1/026** (2013.01); **F01D 1/10** (2013.01); **F01D 1/34** (2013.01)

Citation (search report)  
See references of WO 2005066461A1

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 MC NL PL PT RO SE SI SK TR

DOCDB simple family (publication)  
**WO 2005066461 A1 20050721**; EP 1714005 A1 20061025; GB 0400437 D0 20040211

DOCDB simple family (application)  
**GB 2005000010 W 20050106**; EP 05701781 A 20050106; GB 0400437 A 20040109