

Title (en)  
High-performance engine

Title (de)  
Hochleistungsbrennkraftmaschine

Title (fr)  
Moteur à haute performance

Publication  
**EP 1424483 A1 20040602 (EN)**

Application  
**EP 03006560 A 20030324**

Priority  
EP 03006560 A 20030324

Abstract (en)  
A high-performance engine is constructed to include a cylinder (11), a piston (12) adapted to reciprocate in the cylinder (11), a crank (16), and a link (15) coupled between the crank (16) and the piston (12), the link (15) having a first end fixedly provided with an eccentric axle bush (14) fastened pivotally with a pivot pin (13) at the piston (12) and a second end pivoted to the crank (16) such that the link (15) is at an eccentric position relative to the piston (12) and the pivot point between the link (15) and the crank (16) is at an offset location away from the axis (a) passing through the center of the piston (12) and the axis of rotation of the crank (16) when the piston (12) moved to the upper limit position. <IMAGE>

IPC 1-7  
**F02F 7/00**; **F02B 75/04**; **F02D 15/04**

IPC 8 full level  
**F02B 75/04** (2006.01); **F02D 15/04** (2006.01); **F02F 7/00** (2006.01)

CPC (source: EP)  
**F02B 75/045** (2013.01); **F02D 15/04** (2013.01); **F02F 7/0019** (2013.01)

Citation (search report)

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DE ES FR GB IT SE

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