

Title (en)  
Compressed gas motor

Title (de)  
Mit zusammengepresstem Gas arbeitende Maschine

Title (fr)  
Moteur a gaz comprimé

Publication  
**EP 0773346 A1 19970514 (EN)**

Application  
**EP 96308004 A 19961105**

Priority  
GB 9522793 A 19951107

Abstract (en)  
A motor piston (18) is caused to reciprocate in a motor cylinder (12) by compressed air fed to alternate sides of the cylinder (12), under the control of a valve (32). A control piston (20;22) is linked to the motor piston (18) for movement in a control cylinder (14;16). As it moves towards one end, it expels air from the cylinder (14;16) through an outlet (38). For the last part of the stroke, the outlet (38) is closed off by the piston (20;22), so air pressure rises. This pressure is conveyed (40) to the valve (32), and causes it to switch, thus causing the pistons (18,20,22) to be driven the other way. <IMAGE>

IPC 1-7  
**F01B 11/00**

IPC 8 full level  
**F01B 11/00** (2006.01)

CPC (source: EP)  
**F01B 11/001** (2013.01)

Citation (search report)  
• [A] US 4286929 A 19810901 - HEATH RODNEY T, et al  
• [A] FR 2591659 A1 19870619 - FOGAUTOLUBE SA [FR]  
• [A] WO 9012197 A1 19901018 - SPEEDER AS [NO]

Cited by  
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Designated contracting state (EPC)  
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