

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]

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GB2355769A; CN102449303A; CN104481830A; WO2010094118A1; US9470110B2; JP2012518733A

Designated contracting state (EPC)
DE FR IT

DOCDB simple family (publication)
EP 0773346 A1 19970514; GB 2307013 A 19970514; GB 2307013 B 19990929; GB 9522793 D0 19960110; GB 9622999 D0 19970108

DOCDB simple family (application)
EP 96308004 A 19961105; GB 9522793 A 19951107; GB 9622999 A 19961105