

Title (en)  
Compressed air piston motor

Title (de)  
Druckluft-Kolbenmotor

Title (fr)  
Moteur à pistons à air comprimé

Publication  
**EP 0886036 B1 20030723 (DE)**

Application  
**EP 98109823 A 19980529**

Priority  
DE 29710807 U 19970619

Abstract (en)  
[origin: EP0886036A2] The piston (4) inside the cylinder reciprocates and connects to the piston rod (41) which feeds axially from the cylinder head (2) or from the cylinder floor (3). To facilitate supply and exhaust of the compressed air into or out of the cylinder (1) there is both an inlet and an outlet. The slide valve gear (8) is fixed to a piston which moves within a control cylinder. The cylinder contains control openings which provide a supply and exhaust connection for compressed air control of the piston.

IPC 1-7  
**F01B 11/00**; F01L 25/06

IPC 8 full level  
**F01B 1/00** (2006.01); **F01B 11/00** (2006.01); **F01B 17/02** (2006.01); **F01B 25/00** (2006.01); **F01L 25/06** (2006.01); **F04B 9/125** (2006.01)

CPC (source: EP US)  
**F01B 11/001** (2013.01 - EP US); **F01B 17/02** (2013.01 - EP US); **F04B 9/125** (2013.01 - EP US)

Cited by  
CN102859194A; FR2805313A1

Designated contracting state (EPC)  
AT BE CH DE DK ES FI FR GB GR IE IT LI NL PT SE

DOCDB simple family (publication)  
**US 6123008 A 20000926**; AT E245763 T1 20030815; CN 1203322 A 19981230; DE 29710807 U1 19970828; DE 59809063 D1 20030828; EP 0886036 A2 19981223; EP 0886036 A3 19990616; EP 0886036 B1 20030723; JP H1162501 A 19990305; KR 19990007134 A 19990125; TW 408213 B 20001011

DOCDB simple family (application)  
**US 9882498 A 19980617**; AT 98109823 T 19980529; CN 98103107 A 19980618; DE 29710807 U 19970619; DE 59809063 T 19980529; EP 98109823 A 19980529; JP 16996498 A 19980617; KR 19980023078 A 19980619; TW 87109224 A 19980610