

Title (en)

PISTON ENGINE, ESPECIALLY A COMPRESSOR

Title (de)

KOLBENMASCHINE, INSBESONDERE VERDICHTER

Title (fr)

MOTEUR A PISTONS, EN PARTICULIER COMPRESSEUR

Publication

EP 1230483 A1 20020814 (DE)

Application

EP 00979565 A 20001115

Priority

- DE 19954863 A 19991115
- EP 0011312 W 20001115

Abstract (en)

[origin: WO0136822A1] The invention relates to a piston engine, comprising at least one piston (32), a drive shaft (10) and a coupling mechanism (18, 28; 36, 38, 40, 42) which connects the piston to the drive shaft. The aim of the invention is to reduce the lubrication needs of said piston engine. To this end, the invention provides that the coupling mechanism consists at least partially of plastic.

IPC 1-7

F04B 27/08; F04B 27/10; F04B 39/00

IPC 8 full level

F04B 27/08 (2006.01); **F04B 27/10** (2006.01); **F04B 39/00** (2006.01)

CPC (source: EP)

F04B 27/0878 (2013.01); **F04B 27/0882** (2013.01); **F04B 27/0886** (2013.01); **F04B 27/1054** (2013.01); **F04B 39/0005** (2013.01); **F04B 39/0022** (2013.01); **F05C 2225/00** (2013.01)

Citation (search report)

See references of WO 0136822A1

Designated contracting state (EPC)

DE FR GB

DOCDB simple family (publication)

WO 0136822 A1 20010525; AU 1700901 A 20010530; DE 19954863 A1 20010726; DE 50010841 D1 20050901; EP 1230483 A1 20020814; EP 1230483 B1 20050727

DOCDB simple family (application)

EP 0011312 W 20001115; AU 1700901 A 20001115; DE 19954863 A 19991115; DE 50010841 T 20001115; EP 00979565 A 20001115