

Title (en)

Driving device for positioning setting means

Title (de)

Stellantrieb zur Positionierung eines Stellmittels

Title (fr)

Dispositif d'entrainement pour le positionnement d'un moyen de réglage

Publication

EP 1046792 A3 20011121 (DE)

Application

EP 00107447 A 20000406

Priority

DE 19918592 A 19990423

Abstract (en)

[origin: EP1046792A2] A crankshaft (1) for a four-cylinder piston-driven internal combustion engine is run on crankshaft bearings (2) in eccentric rings (3) run on bearings set in appropriate supporting bearing cases (4) in an engine block. Pistons (6.1-6.4) are connected to crankshaft by connecting rods (5). With one revolution of the gearing (7) the eccentric rings revolve back and forth, so that the rotational axis (10) height (a) of the crankshaft alters compared with a horizontal level (B).

IPC 1-7

F01L 1/34; **F01L 1/344**; **F02B 75/04**

IPC 8 full level

F02B 67/06 (2006.01); **F01L 1/348** (2006.01); **F02B 75/04** (2006.01); **F02D 15/04** (2006.01); **F16H 1/16** (2006.01)

CPC (source: EP US)

F01L 1/348 (2013.01 - EP US); **F02B 75/047** (2013.01 - EP US)

Citation (search report)

- [X] FR 636527 A 19280411
- [A] US 4860702 A 19890829 - DOUNDOULAKIS GEORGE J [US]
- [A] DE 29719343 U1 19980108 - FEV MOTORENTECH GMBH & CO KG [DE]

Cited by

DE10211998A1; DE10248351A1; EP1286029A1; DE10207760A1; DE10207760B4; US7308876B2

Designated contracting state (EPC)

AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE

DOCDB simple family (publication)

EP 1046792 A2 20001025; **EP 1046792 A3 20011121**; DE 19918592 A1 20001026; DE 19918592 B4 20130523; JP 2000337181 A 20001205; US 6276314 B1 20010821

DOCDB simple family (application)

EP 00107447 A 20000406; DE 19918592 A 19990423; JP 2000119315 A 20000420; US 65588400 A 20000906