

Title (en)
GEAR MOTOR

Publication
EP 0233485 B1 19900613 (DE)

Application
EP 87100630 A 19870119

Priority
DE 3605176 A 19860219

Abstract (en)
[origin: EP0233485A2] 1. Gear motor with two gearwheels which mesh in external engagement with one another and which are preferably mounted in approximately spectacle-shaped bearing bodies, and with at least one sealing plate (24) which is arranged between the gearwheels and the adjacent bearing bodies or covers of the housing and which is pressed sealingly against the gearwheel side faces by fluid pressure, characterized in that there act on the sealing plate (24) constantly an approximately arcuate first pressure zone (26) located on the high-pressure side and intermittently a second pressure zone (27) which is arranged radially within the first zone and which, for the purpose of controlling the speed of the machine, can be loaded or relieved by means of an electromagnetically actuable switch valve (31) timed by pulse-length modulation.

IPC 1-7
F04C 15/04

IPC 8 full level
F04C 14/26 (2006.01); **F04C 15/00** (2006.01)

CPC (source: EP)
F04C 14/265 (2013.01); **F04C 15/0026** (2013.01)

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DE FR GB IT

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