

Title (en)

GEAR MACHINE (PUMP OR MOTOR)

Publication

EP 0061560 A3 19840328 (DE)

Application

EP 82100227 A 19820114

Priority

DE 3112470 A 19810328

Abstract (en)

[origin: US4492544A] A gear machine has a housing with a sealing recess and a sealing region, two gear members engaging with one another and arranged so that after mounting of the machine the gear members penetrate into a material removing manner into the sealing region of the housing for sealing purposes, and an element for urging the gear members and the sealing region of the housing to contact with one another prior to a material removal from the housing.

IPC 1-7

F04C 2/18

IPC 8 full level

F04C 2/08 (2006.01); **F04C 15/00** (2006.01)

CPC (source: EP US)

F04C 2/086 (2013.01 - EP US); **F04C 15/00** (2013.01 - EP US); **F04C 2230/603** (2013.01 - EP US)

Citation (search report)

- [X] DE 2257398 A1 19730620 - SMITHS INDUSTRIES LTD
- [Y] US 2824524 A 19580225 - BANKER OSCAR H
- [Y] FR 2091273 A5 19720114 - PLESSEY HANDEL INVESTMENT AG
- [Y] US 2691945 A 19541019 - WICHOREK EDMUND F
- [Y] FR 2324905 A1 19770415 - RETEL J R [FR]

Cited by

US4789315A; FR2561721A1; EP0226352A1; WO8605241A1

Designated contracting state (EPC)

DE FR GB IT

DOCDB simple family (publication)

EP 0061560 A2 19821006; EP 0061560 A3 19840328; DE 3112470 A1 19821007; US 4492544 A 19850108

DOCDB simple family (application)

EP 82100227 A 19820114; DE 3112470 A 19810328; US 34477782 A 19820201