

Title (en)

Gear machine (pump or motor)

Title (de)

Zahnradmaschine (Pumpe oder Motor)

Title (fr)

Machine à engrenages (pompe ou moteur)

Publication

**EP 0614011 B1 19961030 (DE)**

Application

**EP 94101960 A 19940209**

Priority

DE 4306885 A 19930305

Abstract (en)

[origin: EP0614011A1] A gear machine (pump or motor) is proposed which has two pairs of gear wheels (22, 23) which are separated from one another by an intermediate plate (24). The gear wheels (16 to 19) have grooves (35) running axially in the shaft bores (34) of the gear wheels (16 to 19). By means of the grooves, the leakage oil arising in the through holes (26, 27) of the intermediate plate (24) can be discharged in a simple manner. As a result, furthermore, operation of the gear machine in both operating directions is possible. In addition, the entire leakage oil system is simplified, compared to known gear machines. <IMAGE>

IPC 1-7

**F04C 15/00**; **F04C 2/18**

IPC 8 full level

**F04C 2/08** (2006.01); **F04C 2/18** (2006.01); **F04C 15/00** (2006.01)

CPC (source: EP)

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Cited by

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DOCDB simple family (publication)

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