

Title (en)
Gear machine

Title (de)
Zahnradmaschine

Title (fr)
Machine à engrenages

Publication
EP 0953768 B1 20040602 (DE)

Application
EP 99105522 A 19990318

Priority
DE 19818948 A 19980428

Abstract (en)
[origin: EP0953768A1] The drive mechanism comprises two or more intermeshing gearwheels (10,12), which mesh with a two-flank contact. The gearwheels have on their non torque-transferring flanks (30,32), a grooved recess for hydraulically coupling two successive toothed chambers (26), which can be set in staggered planes. The recesses have a constant cross-section in the expansion direction, while the gearwheel machine can be formed as an internal or external gearwheel machine.

IPC 1-7
F04C 2/18

IPC 8 full level
F04C 2/08 (2006.01)

CPC (source: EP)
F04C 2/084 (2013.01)

Cited by
GB2408547A; WO2019091720A1

Designated contracting state (EPC)
FR GB IT

DOCDB simple family (publication)
EP 0953768 A1 19991103; EP 0953768 B1 20040602; DE 19818948 A1 19991111; DE 19818948 B4 20051117

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