

Title (en)  
HYDROSTATIC GEAR MACHINE

Publication  
**EP 0028349 B1 19830713 (DE)**

Application  
**EP 80106401 A 19801021**

Priority  
DE 2943948 A 19791031

Abstract (en)  
[origin: US4386892A] In a hydrostatic gear machine of the type having an internally toothed outer gear and an externally toothed inner gear wherein the gears have different numbers of teeth, the gears being meshed with the outer gear surrounding gear, particularly advantageous relationships between the numbers of teeth and the shapes of the tooth flanks are provided to permit economic manufacture of the machine for use as a motor or pump.

IPC 1-7  
**F04C 2/10**; **F01C 1/10**

IPC 8 full level  
**F04C 2/10** (2006.01); **F01C 1/10** (2006.01); **F04C 2/08** (2006.01)

CPC (source: EP US)  
**F04C 2/084** (2013.01 - EP US); **Y10T 74/1954** (2015.01 - EP US); **Y10T 74/19972** (2015.01 - EP US)

Cited by  
FR2586066A1

Designated contracting state (EPC)  
AT CH FR GB IT LI

DOCDB simple family (publication)  
**EP 0028349 A1 19810513**; **EP 0028349 B1 19830713**; AT E4137 T1 19830715; DE 2943948 A1 19810527; DE 2943948 C2 19880204; JP H0238798 B2 19900831; JP S5675989 A 19810623; US 4386892 A 19830607

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**EP 80106401 A 19801021**; AT 80106401 T 19801021; DE 2943948 A 19791031; JP 15368180 A 19801030; US 19793780 A 19801017