

Title (en)

Hydraulic motor or pump with means for rotationally connecting two housing parts

Title (de)

Hydraulischer Motor oder Pumpe mit Mitteln zur Rotationsverbindung von zwei Gehäuseteilen

Title (fr)

Moteur ou pompe hydraulique avec des moyens de solidarisation en rotation

Publication

EP 1241352 B1 20040825 (FR)

Application

EP 02290618 A 20020312

Priority

FR 0103590 A 20010316

Abstract (en)

[origin: EP1241352A1] The hydraulic pump or motor has a first section (1C) with a crankcase and part of the cylinder block (2) and a second section (1B) connected together to transmit rotary forces between them. There are two connection assemblies (20,30) each with aligned holes in each section and balls (22) fitting into the holes to prevent contact between the contact faces of the sections when the balls are in place. Under axial load, the balls cause plastic deformation of the sections for assembly.

IPC 1-7

F04B 1/04; **F03C 1/04**; **F03C 1/247**; **F04B 53/16**

IPC 8 full level

F03C 1/04 (2006.01); **F03C 1/247** (2006.01); **F04B 1/04** (2006.01); **F04B 53/16** (2006.01)

CPC (source: EP)

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Cited by

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