

Title (en)

High pressure hydraulic generator-receiver for power transmission

Title (de)

Hydraulischer Hochdruckerzeuger bzw.-Empfänger zur Leistungsübertragung

Title (fr)

Générateur-récepteur hydraulique pour la transmission de puissance

Publication

EP 0600807 B1 19960703 (FR)

Application

EP 93420471 A 19931125

Priority

FR 9214676 A 19921126

Abstract (en)

[origin: EP0600807A1] The balancing of the axial force of the driving pinion (9) is carried out by causing the value of the surface area of the zone (34) always at a high pressure to vary so that this variation gives rise to an application of the high pressure onto a surface area of one of the cheeks (21, 22), which surface area is greater or smaller whereas this variation in the value of the zone (34) always under high pressure has no influence over the other cheek (22 or 21). Furthermore, the intersecting zone (34) is incorporated into the sectors (38') of the casing (36) in order to balance out the tangential force of the driving pinion (9). <IMAGE>

IPC 1-7

F04C 15/00; **F04C 2/16**

IPC 8 full level

F03C 2/24 (2006.01); **F04C 2/16** (2006.01); **F04C 15/00** (2006.01)

CPC (source: EP US)

F04C 15/0026 (2013.01 - EP US); **F04C 15/0042** (2013.01 - EP US)

Cited by

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Designated contracting state (EPC)

DE ES FR GB IT SE

DOCDB simple family (publication)

EP 0600807 A1 19940608; **EP 0600807 B1 19960703**; DE 69303463 D1 19960808; DE 69303463 T2 19970213; FR 2698413 A1 19940527; FR 2698413 B1 19950127; JP H06200879 A 19940719; US 5447421 A 19950905

DOCDB simple family (application)

EP 93420471 A 19931125; DE 69303463 T 19931125; FR 9214676 A 19921126; JP 32104793 A 19931126; US 15398093 A 19931118