

Title (en)
Hydraulic drive

Title (de)
Hydraulische Antriebsvorrichtung

Title (fr)
Transmission hydraulique

Publication
EP 1085205 B1 20070523 (DE)

Application
EP 00120568 A 20000920

Priority
DE 19944987 A 19990920

Abstract (en)
[origin: EP1085205A2] The device has at least two pressure chambers (7) arranged between a stator (1) and a rotor (2), which are connected to at least partly separated hydraulic channels (11,19,22) at common hydraulic connections (20,23). The pressure chambers can be expanded, loaded and compresses alternately, so that the rotor moves with respect to the stator. A control device controls the hydraulic fluid flow. A check device (33,39) is provided in a section of hydraulic channel of at least one pressure chamber that is not part of the other pressure chamber. The flow of hydraulic fluid from the pressure chamber is prevented using the check device.

IPC 8 full level
F03C 1/04 (2006.01); **F03C 1/40** (2006.01)

CPC (source: EP)
F03C 1/045 (2013.01)

Cited by
WO2004078631A1

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AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE

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EP 1085205 A2 20010321; EP 1085205 A3 20030115; EP 1085205 B1 20070523; AT E363026 T1 20070615; DE 19944987 A1 20010322; DE 50014341 D1 20070705

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