

Title (en)
Hydraulic transformer

Title (de)
Hydraulischer Transformator

Title (fr)
Transformateur hydraulique

Publication
EP 1178209 A3 20030903 (DE)

Application
EP 01110305 A 20010426

Priority
DE 10033285 A 20000707

Abstract (en)
[origin: EP1178209A2] The hydraulic transmission has a cam plate (21') located between the casing (14') and rotor (19), and a rolling bearing installed between the cam plate and casing. The rolling bearing in the form of a ball bearing is installed on the cam plate side facing the rotor between the cam plate and a circular protrusion (41) inside the casing. In the form of a tapered roller bearing the latter is installed on the cam plate side furthest from the rotor between the camplate and an end plate (14a) in the casing.

IPC 1-7
F04B 1/20

IPC 8 full level
F04B 1/20 (2006.01)

CPC (source: EP)
F04B 1/2042 (2013.01)

Citation (search report)
• [XD] WO 9940318 A1 19990812 - INNAS FREE PISTON BV [NL], et al
• [A] EP 0491078 A1 19920624 - STEWART ROBERT M [US], et al
• [A] FR 1260078 A 19610505 - CT DE RECH S HYDRAULIQUES ET E

Cited by
CN106949104A

Designated contracting state (EPC)
AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE TR

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EP 1178209 A2 20020206; EP 1178209 A3 20030903; EP 1178209 B1 20050126; DE 10033285 A1 20020214; DE 50105172 D1 20050303

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EP 01110305 A 20010426; DE 10033285 A 20000707; DE 50105172 T 20010426