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- (71) **Applicant (for all designated States except US):** **MAGNA POWERTRAIN USA, INC.** [US/US]; 1775 Research Drive, Troy, Michigan 48083 (US).
- (72) **Inventors; and**
- (75) **Inventors/Applicants (for US only):** **EKONEN, Todd** [US/US]; 1201 Sweet Grass Trail, Howell, Michigan 48843 (US). **NOULLET, Chris** [US/US]; 5403 Livernois, Troy, Michigan 48098 (US).
- (74) **Agents:** **RETTIG, Philip E.** et al; Harness, Dickey & Pierce, P.L.C., P.O. Box 828, Bloomfield Hills, Michigan 48303 (US).
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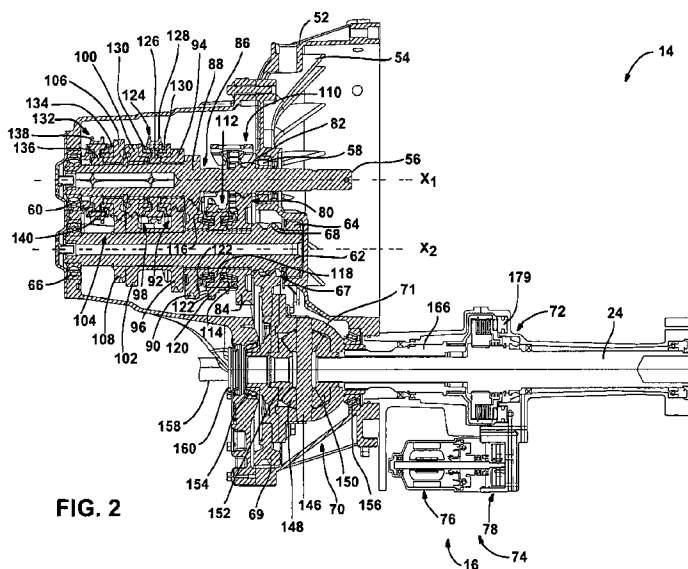
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(57) **Abstract:** A power transfer device for a front wheel drive motor vehicle includes an input shaft driven by a power source, a second shaft driven by the first shaft through one of a plurality of speed gears, an output gearset driven by the second shaft and a differential assembly. The differential assembly includes an electronically controlled, hydraulically actuated, clutch operable to place the differential assembly in one of an open mode, a locked mode and a limited slip mode. A clutch actuator includes an electric motor coupled to a pump where the pump provides pressurized fluid to the clutch to operate the clutch in one of the locked and limited slip modes.

INTERNATIONAL SEARCH REPORT

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**B FIELDS SEARCHED**

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Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)  
US-PGPUB, USPAT, USOCR, FPRS, EPO, JPO, DERWENT, "IBM-TDB

**C DOCUMENTS CONSIDERED TO BE RELEVANT**

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No
A	US 6,945,374 B2 (PUIU) 20 SEPTEMBER 2005 (20 09 2005) SEE THE ENTIRE DOCUMENT	1-20
X	US 4,679,463 A (OZAKI ET AL ) 14 JULY 1987 (14 07 1987) SEE THE ENTIRE DOCUMENT	1-20
A	US 6,830,122 B2 (KROPPE) 14 DECEMBER 2004 (14 12 2004) SEE THE ENTIRE DOCUMENT	1-20
A	US 5,819,194 A (HARA ET AL ) 06 OCTOBER 1998 (06 10 1998) SEE THE ENTIRE DOCUMENT	1-20

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Name and mailing address of the ISA/US  
Mail Stop PCT, Attn ISA/US  
Commissioner for Patents  
P O Box 1450  
Alexandria, Virginia 22313-1450  
Facsimile No (571) 273-3201

Authorized officer  
Dirk Wright  
Telephone No 703-308-2168

