

Title (en)

ELECTRICAL CONTROL SYSTEM FOR CONTROL OF AN AUTOMATIC TRANSMISSION APPARATUS

Publication

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Application

EP 89902708 A 19881213

Priority

US 8804449 W 19881213

Abstract (en)

[origin: WO9006862A1] The present invention is an electrical control apparatus for control of an automatic transmission (20) in a motor vehicle. The automatic transmission has a motor (42) for controlling the transmission state. The electrical control apparatus includes an operator input device (30), preferably a set of push buttons, for generating a desired transmission state signal, a transmission state sensing device (73) for generating a present transmission state signal, and a logic control unit (220) for control of the transmission motor. If the desired transmission state differs from the present transmission state, then the logic control unit (220) generates either a clockwise motor drive signal or counter-clockwise motor drive signal as needed to reach the desired transmission state. The logic control unit (220) preferably also includes logic for inhibiting the generation of the clockwise and counter-clockwise motor control signals upon detection of an unsafe circumstance which would make a particular shift hazardous or harmful to the vehicle.

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Citation (search report)

- [X] EP 0187117 A2 19860709 - UNITED TECHNOLOGIES ELECTRO SY [US]
- [Y] EP 0108572 A1 19840516 - ISUZU MOTORS LTD [JP]
- [Y] EP 0096352 A2 19831221 - NIPPON DENSO CO [JP]
- [A] US 4558612 A 19851217 - SHIMIZU TAKEO [JP], et al
- See references of WO 9006862A1

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