

Title (en)

AUTOMATIC GEARBOX AND METHOD FOR OPERATING A GEARBOX SYSTEM

Title (de)

AUTOMATISIERTES SCHALTGETRIEBE SOWIE VERFAHREN ZUM BETREIBEN EINER GETRIEBEEINRICHTUNG

Title (fr)

BOITE DE VITESSES AUTOMATIQUE ET PROCEDE POUR FAIRE FONCTIONNER UN SYSTEME DE TRANSMISSION

Publication

EP 1509710 A1 20050302 (DE)

Application

EP 03752707 A 20030520

Priority

- DE 0301632 W 20030520
- DE 10222340 A 20020521

Abstract (en)

[origin: WO03098076A1] The invention relates to an automatic gearbox comprising a plurality of gearshift steps with which respectively at least one driving toothed wheel and at least one driven toothed wheel are associated. One of said toothed wheels is respectively mounted on a shaft in a rotationally displaceable manner and can be coupled to said shaft in an essentially rotationally fixed manner by means of a connecting device, in such a way that torque can be transmitted by means of said toothed wheel. The invention also relates to a drivetrain, such as a motor vehicle drive train, comprising an automatic gearbox, to a method for controlling an automatic gearbox, and to a method for operating a gearbox system, such as an automatic gearbox, of a motor vehicle.

IPC 1-7

F16H 61/32; F16H 61/04; B60K 41/10; B60K 41/22

IPC 8 full level

F16H 61/02 (2006.01); **F16H 61/04** (2006.01); **F16H 61/32** (2006.01); **F16H 3/12** (2006.01); **F16H 59/68** (2006.01); **F16H 61/00** (2006.01);
F16H 61/688 (2006.01)

CPC (source: EP)

B60W 10/02 (2013.01); **B60W 10/11** (2013.01); **B60W 30/18** (2013.01); **F16H 61/0403** (2013.01); **B60W 2510/0208** (2013.01);
B60W 2510/0241 (2013.01); **B60W 2510/0275** (2013.01); **B60W 2510/0638** (2013.01); **B60W 2510/0652** (2013.01); **B60W 2510/0657** (2013.01);
B60W 2510/0661 (2013.01); **B60W 2510/1015** (2013.01); **B60W 2510/102** (2013.01); **B60W 2520/28** (2013.01); **B60W 2540/12** (2013.01);
F16H 3/12 (2013.01); **F16H 61/688** (2013.01); **F16H 2059/6807** (2013.01); **F16H 2061/0087** (2013.01); **F16H 2061/064** (2013.01);
F16H 2342/04 (2013.01); **F16H 2342/042** (2013.01)

Citation (search report)

See references of WO 03098076A1

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LI LU MC NL PT RO SE SI SK TR

DOCDB simple family (publication)

WO 03098076 A1 20031127; AU 2003243895 A1 20031202; DE 10322619 A1 20031211; DE 10392621 D2 20050203;
EP 1509710 A1 20050302; FR 2840044 A1 20031128; IT MI20031008 A1 20031122

DOCDB simple family (application)

DE 0301632 W 20030520; AU 2003243895 A 20030520; DE 10322619 A 20030520; DE 10392621 T 20030520; EP 03752707 A 20030520;
FR 0306026 A 20030520; IT MI20031008 A 20030520