

Title (en)

SHIFTING DEVICE FOR AN AUTOMATIC GEARBOX OF A MOTOR VEHICLE

Title (de)

SCHALTVORRICHTUNG FÜR EIN AUTOMATIKGETRIEBE EINES KRAFTFAHRZEUGES

Title (fr)

DISPOSITIF DE SELECTION CONÇU POUR UNE BOITE DE VITESSES AUTOMATIQUE D'UN VEHICULE AUTOMOBILE

Publication

EP 1836414 A1 20070926 (DE)

Application

EP 06705770 A 20060111

Priority

- DE 2006000031 W 20060111
- DE 102005001818 A 20050113

Abstract (en)

[origin: WO2006074646A1] The invention relates to a shifting device for an automatic gearbox comprising an automatic shift path and a step-by-step shift path for a manual gear-shifting operation, a selector lever with a selector lever housing that can be pivoted about a first shift path axis into the automatic shift path and the step-by-step shift path, and about a second selector lever axis inside the shift paths, the selector lever axis and the shift path axis extending perpendicularly to each other, and a connecting member for transmitting the pivoting movement of the selector lever in the automatic shift path to a coupling element for the automatic gearbox. The connecting member is fixed in a recess of the shifting device housing when the selector lever is pivoted about the shift path axis into the step-by-step shift path. According to the invention, the connecting member (6) is rotatably fixed to a rocker arm (10) which is rotatably received by a holding bolt (11) arranged on the selector lever housing (2), and the rocker arm (10) is mounted in a holding device (13) of the shifting device housing (5) by means of a bolt (12) during the positioning of the selector lever (1) in the automatic shift path (A).

IPC 8 full level

F16H 59/02 (2006.01)

CPC (source: EP US)

F16H 59/0204 (2013.01 - EP US); **F16H 2059/0239** (2013.01 - EP US); **F16H 2059/0273** (2013.01 - EP US); **Y10T 74/20018** (2015.01 - EP US); **Y10T 74/20067** (2015.01 - EP US); **Y10T 74/20104** (2015.01 - EP US); **Y10T 74/20116** (2015.01 - EP US); **Y10T 74/20159** (2015.01 - EP US)

Designated contracting state (EPC)

ES FR GB IT SE

DOCDB simple family (publication)

WO 2006074646 A1 20060720; DE 102005001818 A1 20060727; DE 102005001818 B4 20061130; EP 1836414 A1 20070926; JP 2008526606 A 20080724; JP 4843619 B2 20111221; US 2008098845 A1 20080501; US 7882760 B2 20110208

DOCDB simple family (application)

DE 2006000031 W 20060111; DE 102005001818 A 20050113; EP 06705770 A 20060111; JP 2007550669 A 20060111; US 81370106 A 20060111