

Title (en)

METHOD FOR OPERATING A HYDRAULIC OR PNEUMATIC CONTROL DEVICE OF A SEMI-AUTOMATIC TRANSMISSION

Title (de)

VERFAHREN ZUM BETREIBEN EINER HYDRAULISCHEN ODER PNEUMATISCHEN STEUERUNGSEINRICHTUNG EINES AUTOMATISIERTEN SCHALTGETRIEBES

Title (fr)

PROCÉDÉ DE MISE EN OEUVRE D' UN DISPOSITIF DE COMMANDE HYDRAULIQUE OU PNEUMATIQUE D' UNE BOÎTE DE VITESSES AUTOMATIQUE

Publication

**EP 2313670 A1 20110427 (DE)**

Application

**EP 09780348 A 20090709**

Priority

- EP 2009058713 W 20090709
- DE 102008041399 A 20080820

Abstract (en)

[origin: WO2010020471A1] The invention relates to a method for operating a hydraulic or pneumatic control device of a semi-automatic transmission, wherein the control device comprises actuators (13, 14) having actuating cylinders (15, 16), wherein pressure chambers (19a, 19b, 20a, 20b) of the actuating cylinders (15, 16) can each be connected to a pressure line (26) through a control valve (22a, 22b, 32a, 32b), wherein the pressure line (26) can be selectively connected to a main pressure line (8) or shut off from said main pressure line through redundant main control valves (45a, 45b) connected in parallel, and wherein the control device comprises at least one sensor (10, 11, 28). According to the invention, at least one measurement signal is collected using the one or each sensor (10, 11, 28) depending on the activation of the main control valves (45a, 45b), wherein the one or each collected measurement signal is compared with a target signal stored for the respective activation of the main control valves (45a, 45b), and wherein if a deviation between a measurement signal and the respective target signal is detected, a defect of at least one of the main control valves (45a, 45b) is indicated.

IPC 8 full level

**F16H 61/12** (2010.01); **F15B 19/00** (2006.01); **F16H 61/28** (2006.01)

CPC (source: EP US)

**F15B 19/005** (2013.01 - EP US); **F16H 61/12** (2013.01 - EP US); **F16H 61/2807** (2013.01 - EP US); **F15B 2211/3057** (2013.01 - EP US); **F15B 2211/327** (2013.01 - EP US); **F15B 2211/40576** (2013.01 - EP US); **F15B 2211/41509** (2013.01 - EP US); **F15B 2211/426** (2013.01 - EP US); **F15B 2211/6306** (2013.01 - EP US); **F15B 2211/6336** (2013.01 - EP US); **F15B 2211/855** (2013.01 - EP US); **F16H 2059/683** (2013.01 - EP US); **F16H 2061/1208** (2013.01 - EP US); **F16H 2061/122** (2013.01 - EP US); **F16H 2061/1264** (2013.01 - EP US)

Citation (search report)

See references of WO 2010020471A1

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO SE SI SK SM TR

Designated extension state (EPC)

AL BA RS

DOCDB simple family (publication)

**DE 102008041399 A1 20100225**; EP 2313670 A1 20110427; US 2011137515 A1 20110609; WO 2010020471 A1 20100225

DOCDB simple family (application)

**DE 102008041399 A 20080820**; EP 09780348 A 20090709; EP 2009058713 W 20090709; US 200913058555 A 20090709