

Title (en)
POWER-SHIFTABLE TRANSMISSION

Title (de)
LASTSCHALTbares GETRIEBE

Title (fr)
BOÎTE DE VITESSES COUPLABLE SOUS CHARGE

Publication
EP 2630393 A1 20130828 (DE)

Application
EP 11757644 A 20110919

Priority
• DE 102010042656 A 20101020
• EP 2011066188 W 20110919

Abstract (en)
[origin: WO2012052237A1] A power-shiftable transmission is proposed, in particular an automatic transmission for a vehicle, with a plurality of frictionally locking shift elements and at least one form-fitting shift element (A, B, C, D, E) and with a plurality of gearwheels which can be shifted via the shift elements (A, B, C, D, E) in a power flux, wherein, in order to shift a gear step, at least two associated shift elements (A, B, C, D, E,) are closed, and wherein at least one form-fitting shift element (B) as a shift element (B) to be shifted is assigned to a gear step to be shifted by a supporting gear.

IPC 8 full level
F16H 3/66 (2006.01); **F16H 61/04** (2006.01)

CPC (source: EP US)
F16H 3/44 (2013.01 - EP US); **F16H 3/66** (2013.01 - EP US); **F16H 3/663** (2013.01 - EP US); **F16H 3/666** (2013.01 - EP US); **F16H 61/0403** (2013.01 - EP US); **F16H 2061/0474** (2013.01 - EP US); **F16H 2200/0052** (2013.01 - EP US); **F16H 2200/0069** (2013.01 - EP US); **F16H 2200/2007** (2013.01 - EP US); **F16H 2200/201** (2013.01 - EP US); **F16H 2200/2012** (2013.01 - EP US); **F16H 2200/2023** (2013.01 - EP US); **F16H 2200/2043** (2013.01 - EP US); **F16H 2200/2048** (2013.01 - EP US); **F16H 2200/2051** (2013.01 - EP US); **F16H 2200/2064** (2013.01 - EP US); **F16H 2200/2094** (2013.01 - EP US); **F16H 2200/2097** (2013.01 - EP US)

Citation (search report)
See references of WO 2012052237A1

Citation (examination)
DE 19711820 A1 19980924 - VOLKSWAGEN AG [DE]

Designated contracting state (EPC)
AL 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 RS SE SI SK SM TR

DOCDB simple family (publication)
DE 102010042656 A1 20120426; **DE 102010042656 B4 20220623**; CN 103154569 A 20130612; CN 103154569 B 20160810; EP 2630393 A1 20130828; JP 2013543091 A 20131128; JP 5843872 B2 20160113; US 2013196814 A1 20130801; US 9182013 B2 20151110; WO 2012052237 A1 20120426

DOCDB simple family (application)
DE 102010042656 A 20101020; CN 201180048060 A 20110919; EP 11757644 A 20110919; EP 2011066188 W 20110919; JP 2013534225 A 20110919; US 201113878433 A 20110919