

Title (en)

ADJUSTING UNIT FOR A CONTINUOUSLY VARIABLE HYDROSTATICALLY BRANCHED TRANSMISSION

Title (de)

VERSTELLEINHEIT FÜR EIN STUFENLOSES HYDROSTATISCH VERZWEIGTES GETRIEBE

Title (fr)

UNITE DE REGLAGE POUR UNE TRANSMISSION RAMIFIEE HYDROSTATIQUE CONTINUE

Publication

**EP 2250404 A1 20101117 (DE)**

Application

**EP 08872255 A 20081205**

Priority

- CH 2008000520 W 20081205
- DE 102008008234 A 20080208

Abstract (en)

[origin: CA2711954A1] The invention relates to an adjusting unit (16) for a continuously variable hydrostatically branched transmission, said transmission comprising two hydrostats (H1, H2), which are disposed next to each other at a distance from each other and each are supported pivotally about a pivot axis (27 or 28). In particular a compact design is achieved in that the adjusting unit (16) comprises hydraulically actuatable adjusting means (VZ1, VZ1; VZ2) for pivoting the hydrostats (H1, H2) about the pivot axes thereof, that control valves (SV1, SV2) for controlling the hydraulically actuatable adjusting means (VZ1, VZ1; VZ2) and actuating means (30; 42,...,46) for actuating the control valve (SV1, SV2) are provided, and that the control valves (SV1, SV2) and the actuating means (30; 42,..., 46) are disposed between the two hydrostats (H1, H2).

IPC 8 full level

**F16H 47/04** (2006.01)

CPC (source: EP)

**F16H 39/02** (2013.01); **F16H 39/08** (2013.01); **F16H 47/04** (2013.01); **F16H 61/423** (2013.01); **F16H 61/433** (2013.01); **F16H 2037/0866** (2013.01); **F16H 2037/0886** (2013.01); **F16H 2037/107** (2013.01); **F16H 2039/005** (2013.01)

Citation (search report)

See references of WO 2009097700A1

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 MT NL NO PL PT RO SE SI SK TR

Designated extension state (EPC)

AL BA MK RS

DOCDB simple family (publication)

**DE 102008008234 A1 20090813**; AU 2008350228 A1 20090813; BR PI0822293 A2 20150630; CA 2711954 A1 20090813; CN 101939567 A 20110105; EA 201070938 A1 20110228; EP 2250404 A1 20101117; JP 2011512493 A 20110421; KR 20110007098 A 20110121; MX 2010008520 A 20101025; WO 2009097700 A1 20090813

DOCDB simple family (application)

**DE 102008008234 A 20080208**; AU 2008350228 A 20081205; BR PI0822293 A 20081205; CA 2711954 A 20081205; CH 2008000520 W 20081205; CN 200880126321 A 20081205; EA 201070938 A 20081205; EP 08872255 A 20081205; JP 2010545339 A 20081205; KR 20107019936 A 20081205; MX 2010008520 A 20081205