

Title (en)

CONE WITH MEMBER CVT FOR WHICH BELT TENSION CAN BE EFFICIENTLY REDUCED

Title (de)

KONUS MIT STUFENLOSEM ELEMENTGETRIEBE MIT MÖGLICHKEIT ZUR EFFIZIENTEN REDUZIERUNG DER BANDSPANNUNG

Title (fr)

CÔNE À TRANSMISSION À VARIATION CONTINUE À ÉLÉMENTS POUR LAQUELLE UNE TENSION DE COURROIE PEUT ÊTRE RÉDUITE EFFICACEMENT

Publication

**EP 3042101 A1 20160713 (EN)**

Application

**EP 14841518 A 20140902**

Priority

- US 201361873266 P 20130903
- US 201361873371 P 20130904
- US 201361875079 P 20130908
- US 201361875646 P 20130909
- US 201361878020 P 20130915
- US 201361878552 P 20130916
- US 201361880959 P 20130922
- US 201361880980 P 20130923
- US 201361886365 P 20131003
- US 201361910316 P 20131130
- US 201361912496 P 20131205
- US 201361912548 P 20131206
- US 201361913324 P 20131208
- US 201361914327 P 20131210
- US 201361915515 P 20131213
- US 201361916293 P 20131216
- US 201361922418 P 20131231
- US 201461922870 P 20140102
- US 201461923726 P 20140105
- US 201461926396 P 20140113
- US 201461929099 P 20140119
- US 201461934770 P 20140202
- US 201461935790 P 20140204
- US 201461935331 P 20140204
- US 201461935838 P 20140205
- US 201461938539 P 20140211
- US 2014017007 W 20140218
- US 201461942615 P 20140220
- US 201461978922 P 20140413
- US 201461984799 P 20140427
- US 201461985436 P 20140428
- US 201461986095 P 20140429
- US 201461987716 P 20140502
- US 201461988294 P 20140504
- US 201461991612 P 20140511
- US 201461994937 P 20140518
- US 201462006279 P 20140602
- US 201462007377 P 20140603
- US 201462038370 P 20140818
- US 2014053634 W 20140902

Abstract (en)

[origin: WO2015034796A1] A CVT 6 (Fig. 5) comprising of two substantially identical CVT 4's. Each CVT 4 comprises of two cones that are coupled by a transmission belt. The driving cones of the CVT 4's are mounted on a common shaft, and the driven cones of the CVT 4's are mounted on a common shaft. For each CVT 4, one of its cones is mounted on its shaft using an adjuster that can lock or release the rotational position of its cone relative to the shaft it is mounted. Each CVT 4 has a tense side tensioning/support pulley and a slack side tensioning/support pulley (Fig. 6) which can provide and remove slack as needed to compensate for "Transmission ratio change rotation", to accommodate for the transmission diameter change of a cone, and to compensate for having cones of different diameters mounted on the same shaft during axial position changing of a cone.

IPC 8 full level

**F16H 7/12** (2006.01)

CPC (source: EP)

**F16H 9/08** (2013.01)

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

Designated extension state (EPC)

BA ME

DOCDB simple family (publication)

**WO 2015034796 A1 20150312**; EP 3042101 A1 20160713; EP 3042101 A4 20170607

DOCDB simple family (application)

**US 2014053634 W 20140902**; EP 14841518 A 20140902