

Title (en)
CONTINUOUSLY VARIABLE TRANSMISSION

Title (de)
STUFENLOSES GETRIEBE

Title (fr)
TRANSMISSION À VARIATION CONTINUE

Publication
EP 2126421 A1 20091202 (EN)

Application
EP 06835688 A 20061227

Priority
NL 2006000672 W 20061227

Abstract (en)
[origin: WO2008078981A1] The invention relates to a continuously variable transmission with a push-type drive belt (3) comprising a plurality of transverse elements (33) moveable along an endless tensile means (31) of the belt (3), whereby the tensile means (31) is accommodated in a recess (37) of the elements (33) with some play in axial direction provided there between, and with a set of pulleys (1, 2), each comprising two pulley discs (4, 5) provided on a respective pulley shaft (6, 7) where between a predominantly V- shaped pulley groove is defined, which pulley grooves are, or at least can become mutually axially offset, the drive belt (3) being wrapped around the pulleys (1, 2) wedged between the respective pulley discs (4, 5) thereof. According to the invention the transmission (1) is equipped with guiding means (50) for positioning the transverse elements (33) of the belt (3) in between the pulleys (1, 2).

IPC 8 full level
F16H 61/662 (2006.01); **F16H 9/18** (2006.01)

CPC (source: EP)
F16H 9/125 (2013.01); **F16H 9/18** (2013.01); **F16H 7/18** (2013.01)

Citation (search report)
See references of WO 2008078981A1

Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC NL PL PT RO SE SI SK TR

DOCDB simple family (publication)
WO 2008078981 A1 20080703; CN 101617150 A 20091230; CN 101617150 B 20130313; EP 2126421 A1 20091202; JP 2010515000 A 20100506; JP 5228162 B2 20130703

DOCDB simple family (application)
NL 2006000672 W 20061227; CN 200680056881 A 20061227; EP 06835688 A 20061227; JP 2009543969 A 20061227