Title (en)

CONTINUOUSLY VARIABLE TRANSMISSION INCORPORATING A DRIVE BELT, METHOD FOR OPERATING IT AND METHOD FOR MANUFACTURING THE DRIVE BELT

Title (de)

STUFENLOSES GETRIEBE MIT EINEM TREIBRIEMEN, VERFAHREN ZU DESSEN BETÄTIGUNG UND VERFAHREN ZUR HERSTELLUNG DES TREIBRIEMENS

Title (fr)

TRANSMISSION À VARIATION CONTINUE INCORPORANT UNE COURROIE D'ENTRAÎNEMENT, PROCÉDÉ DE FONCTIONNEMENT DE CETTE TRANSMISSION ET PROCÉDÉ DE FABRICATION DE LA COURROIE D'ENTRAÎNEMENT

Publication

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Application

EP 07857668 A 20071217

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EP 2007064037 W 20071217

Abstract (en)

[origin: WO2009076999A1] The invention relates to a continuously variable transmission comprising two pulleys, each defining an effectively V-shaped circumference groove of variable width, a drive belt that is wrapped around the pulleys and that comprises a large number of case hardened steel transverse elements provided on an endless tensile means of the belt, and a cooling device for cooling the belt during operation of the transmission by supplying a cooling agent to the belt in a re-circulating manner. According to the invention the transmission does not comprise a component for enhancing, or otherwise specifically aimed at, the cooling of the cooling agent itself.

IPC 8 full level

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CPC (source: EP)

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Citation (search report)

See references of WO 2009076999A1

Citation (examination)

- US 2003195073 A1 20031016 - OKADA YOSHINARI [JP], et al
- JP H01234638 A 19890919 - TOYOTA MOTOR CORP

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