Title (en)

METHOD AND DEVICE FOR DETERMINING A SLIP VARIABLE DESCRIBING THE TORQUE TRANSMISSION RELIABILITY OF A CONICAL DISK CONTINUOUSLY VARIABLE GEARBOX

Title (de)

VERFAHREN UND VORRICHTUNG ZUM ERMITTELN EINER DIE DREHMOMENTÜBERTRAGUNGSSICHERHEIT EINES KEGELSCHEIBENUMSCHLINGUNGSGETRIEBES BESCHREIBENDEN SCHLUPFGRÖSSE

Title (fr)

PROCEDE ET DISPOSITIF PERMETTANT DE DETERMINER UNE GRANDEUR DE GLISSEMENT DECRIVANT LA SECURITE DE TRANSMISSION DE COUPLE D'UNE TRANSMISSION A VARIATION CONTINUE A POULIES CONIQUES

Publication

EP 1828644 A1 20070905 (DE)

Application

EP 05810649 A 20051124

Priority

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Abstract (en)

[origin: WO2006063547A1] In order to determine a slip variable describing the reliability of torque transmission between two conical disk pairs of a conical disk continuously variable gearbox, which are frictionally engaged by a wrap-around means, the pressure between at least one conical disk pair and the wrap-around means is modulated and the slip variable is determined from the difference in rotational speed of the conical disk pairs upon modulation of the pressure, wherein said pressure modulation is carried out with a frequency, that is above the adjustment frequency of the transmission ratio of the gearbox, and a predetermined amplitude.

IPC 8 full level

F16H 61/662 (2006.01)

CPC (source: EP KR US)

F16H 61/662 (2013.01 - KR); **F16H 61/66272** (2013.01 - EP US); F16H 2059/465 (2013.01 - EP US); F16H 2061/0087 (2013.01 - EP US)

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