

Title (en)
NON-SLIP TRANSMISSIONS PARTICULARLY USEFUL AS CONTINUOUSLY-VARIABLE TRANSMISSIONS AND TRANSMISSION MEMBERS THEREOF

Title (de)
SCHLUPFFREIE GETRIEBE, INSBESONDERE ZUR VERWENDUNG ALS STUFENLOSE GETRIEBE UND GETRIEBEGLIEDER DAVON

Title (fr)
TRANSMISSIONS SANS GLISSEMENT PARTICULIEREMENT UTILES COMME TRANSMISSIONS VARIABLES CONTINUES ET ELEMENTS DE TRANSMISSION CORRESPONDANTS

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Application
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• IL 14672001 A 20011125

Abstract (en)
[origin: WO02061306A2] A continuously-variable transmission includes two transmission members each having coupling elements engageable to couple the transmission members for movement together. At least one of the transmission members is a rotary member rotatable about a rotary axis; and at least one of the groups of coupling elements is radially displaceable towards and away from the rotary axis to change the conversion ratio of the transmission. The coupling elements of one group on one transmission member are of a fixed configuration defining projections alternating with depressions each of a fixed configuration formed on a surface of the transmission member between opposite side faces and having the same pitch for every cross section of the surface perpendicular to the mentioned rotary axis. The coupling elements of the other group are of a self-adaptive configuration, each movable in opposite directions to adapt itself to the configuration of the fixed-configuration coupling elements in all displacement positions of the radially-displaceable coupling elements and to effect a non-slip coupling therewith.

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Citation (search report)
• [DA] US 1650449 A 19271122 - MAX JAEGER
• [X] WO 9911515 A1 19990311 - BIGSPIN TECHNOLOGY INC [CA], et al
• [A] US 2201600 A 19400521 - WALTZ FOSTER V
• [A] BE 364729 A
• See references of WO 02061306A2

Cited by
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WO 02061306 A2 20020808; WO 02061306 A3 20040311; WO 02061306 A8 20031120; WO 02061306 A8 20040429;
AU 2002230055 A1 20020812; EP 1421299 A2 20040526; EP 1421299 A4 20080326; IL 157036 A 20100217; JP 2004523706 A 20040805

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