

(19) World Intellectual Property Organization
International Bureau



(43) International Publication Date
15 November 2001 (15.11.2001)

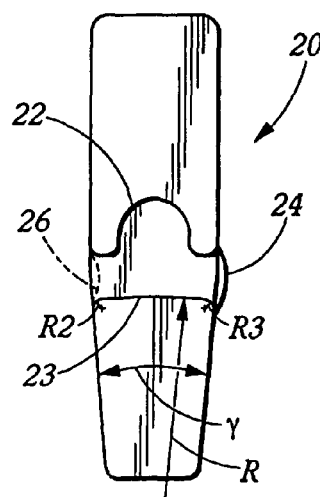
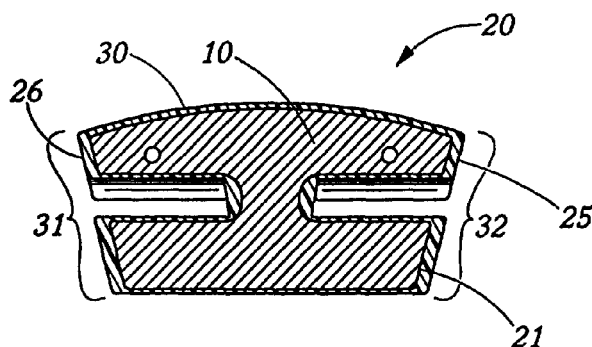
PCT

(10) International Publication Number
WO 01/86169 A1

- (51) International Patent Classification⁷: **F16G 5/16**
- (21) International Application Number: PCT/US01/40682
- (22) International Filing Date: 8 May 2001 (08.05.2001)
- (25) Filing Language: English
- (26) Publication Language: English
- (30) Priority Data:
60/202,930 9 May 2000 (09.05.2000) US
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- (81) Designated States (*national*): AE, AL, AM, AT, AU, AZ,
BA, BB, BG, BR, BY, CA, CH, CN, CR, CU, CZ, DE, DK,
DM, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL,
IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU,
LV, MA, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT,
RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA,
UG, UZ, VN, YU, ZA, ZW.
- (84) Designated States (*regional*): European patent (AT, BE,
CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC,
NL, PT, SE, TR).
- Published:**
— with international search report
— before the expiration of the time limit for amending the
claims and to be republished in the event of receipt of
amendments

[Continued on next page]

(54) Title: BLOCK TYPE CVT BELT



(57) Abstract: The block type CVT belt according to the present invention comprises at least one endless load carrier having tensile members. A plurality of blocks (20) are transversely engaged with the load carrier in a lengthwise direction of the belt. The center of gravity of each block is asymmetrically located in each block. Each block has thermoset or thermoplastic over-molding. The over-molding is attached to the metal block (10) by use of an adhesive. The preparation of the metal reinforcing member is accomplished by mechanical tumbling means, as opposed to chemical preparation. Each block also comprises at least one slot for receiving the load carrier. Each slot having an upper concave surface (22) and a lower surface (23) having a complex shape. The upper concave surface receives a corresponding convex surface or tooth on an upper surface of the tensile member. Each slot is provided with a complex radius between a central pillar and an upper and lower arm in order to avoid stress risers. The load carriers are slightly compressed in each groove to significantly reduce skew.



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