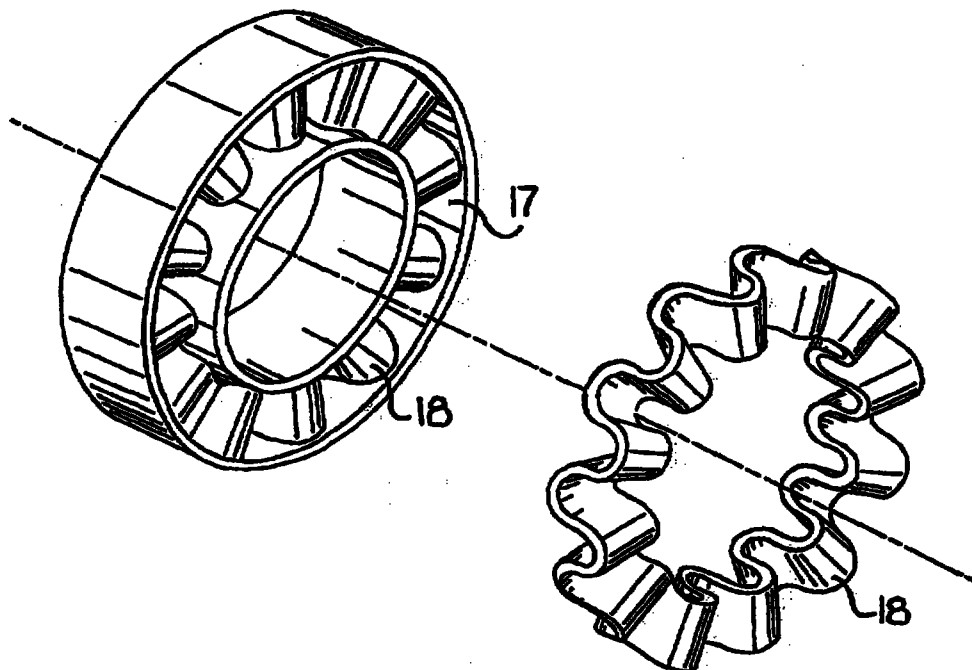




INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(51) International Patent Classification ⁷ : B60B 9/00, 9/04, 15/04, 15/20	A1	(11) International Publication Number: WO 00/38937
		(43) International Publication Date: 6 July 2000 (06.07.00)
(21) International Application Number: PCT/US99/30656 (22) International Filing Date: 23 December 1999 (23.12.99) (30) Priority Data: 09/220,009 23 December 1998 (23.12.98) US (71) Applicant (for all designated States except US): DAIMLER-CHRYSLER RAIL SYSTEMS (NORTH AMERICA) INC. [US/US]; 1501 Lebanon Church Road, Pittsburgh, PA 15236-1491 (US). (72) Inventor; and (75) Inventor/Applicant (for US only): IMS, Horst, H. [CA/CA]; 90-10 Rankin Street, Waterloo, Ontario N2V 1V9 (CA). (74) Agents: ORKIN, Russell, D. et al.; Webb Ziesenheim Logsdon Orkin & Hanson, P.C., 700 Koppers Building, 436 Seventh Avenue, Pittsburgh, PA 15219-1818 (US).		(81) Designated States: 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, US, UZ, VN, YU, ZA, ZW, ARIPO patent (GH, GM, KE, LS, MW, SD, SL, SZ, TZ, UG, ZW), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE), OAPI patent (BF, BI, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG). Published <i>With international search report.</i> <i>With amended claims and statement.</i>

(54) Title: **NON-PNEUMATIC TIRE**

(57) Abstract

A non-pneumatic tire for mounting upon a wheel hub having an axis of rotation as an exterior torus (1) and an interior torus (8) about the axle. A wall connects the exterior torus (1) to the interior torus (8) and follows an undulating curved line to provide flexibility between the tori.