



(51) International Patent Classification:

B61F 13/00 (2006.01) **B61F 3/00** (2006.01)
B61B 13/04 (2006.01) **B61F 5/38** (2006.01)
B61B 13/06 (2006.01)

(21) International Application Number:

PCT/CA2009/000162

(22) International Filing Date:

6 February 2009 (06.02.2009)

(25) Filing Language:

English

(26) Publication Language:

English

(30) Priority Data:

12/149,149 28 April 2008 (28.04.2008) US

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(81) Designated States (unless otherwise indicated, for every kind of national protection available): AE, AG, AL, AM, AO, AT, AU, AZ, BA, BB, BG, BH, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DO, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, GT, HN, HR, HU, ID, IL, IN, IS, JP, KE, KG, KM, KN, KP, KR, KZ, LA, LC, LK, LR, LS, LT, LU, LY, MA, MD, ME, MG, MK, MN, MW, MX, MY, MZ, NA, NG, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RS, RU, SC, SD, SE, SG, SK, SL, SM, ST, SV, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, ZA, ZM, ZW.

(84) Designated States (unless otherwise indicated, for every kind of regional protection available): ARIPO (BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HR, HU, IE, IS, IT, LT, LU, LV, MC, MK, MT, NL, NO, PL, PT, RO, SE, SI, SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

Published:

— with international search report (Art. 21(3))

(54) Title: A MONORAIL BOGIE HAVING IMPROVED ROLL BEHAVIOR

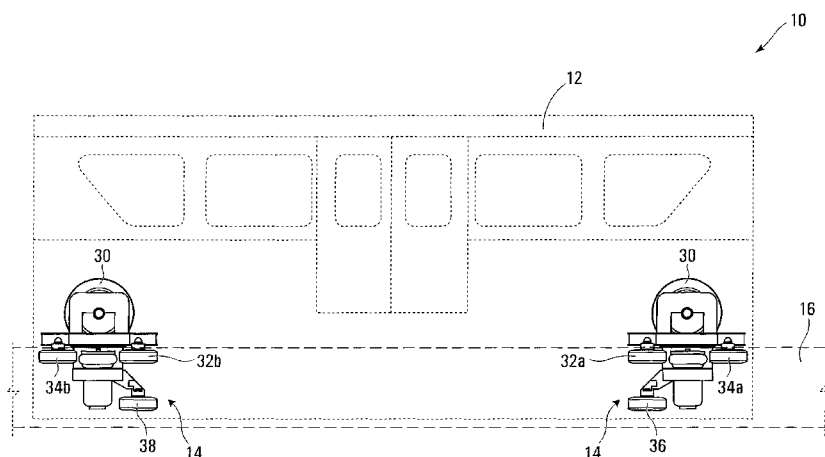


FIG. 2

(57) Abstract: A monorail bogie for supporting a monorail car travelling over a monorail track. The monorail bogie comprises a load-bearing wheel having an axis of rotation that is parallel to the running surface. The monorail bogie further comprises an inboard pair of guide wheels and an outboard pair of guide wheels. Each guide wheel of the inboard pair of guide wheels has an axis of rotation and each guide wheel of the outboard pair of guide wheels has an axis of rotation. The axes of rotation of the inboard pair of guide wheels and the axes of rotation of the outboard pair of guide wheels are offset in opposite directions in relation to the axis of rotation of the load bearing wheels. The monorail bogie further comprises at least one stabilizing wheel positioned co-axially with each one of the inboard pair of guide wheels.

