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| <p>(51) International Patent Classification <sup>7</sup> :<br/><b>B60M 1/34</b></p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | <p><b>A1</b></p> | <p>(11) International Publication Number: <b>WO 00/53449</b></p> <p>(43) International Publication Date: 14 September 2000 (14.09.00)</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| <p>(21) International Application Number: <b>PCT/US00/06370</b></p> <p>(22) International Filing Date: 10 March 2000 (10.03.00)</p> <p>(30) Priority Data:<br/>60/124,044 12 March 1999 (12.03.99) US</p> <p>(71) Applicant (for all designated States except US): DAIMLER-CHRYSLER AG [DE/DE]; Epplestrasse 225, D-70567 Stuttgart (DE).</p> <p>(72) Inventors; and<br/>(75) Inventors/Applicants (for US only): MALEK, Larry, K. [US/US]; 402 Olten Road, Monroeville, PA 15146 (US).<br/>BURG, Thomas, J. [US/US]; 408 Pacific Avenue, Forest Hills, PA 15221 (US).</p> <p>(74) Agents: ORKIN, Russell, D. et al.; Webb Ziesenheim Logsdon Orkin &amp; Hanson, P.C., 700 Koppers Building, 436 Seventh Avenue, Pittsburgh, PA 15219-1818 (US).</p>                           |                  | <p>(81) Designated States: AE, AL, AM, AT, AT (Utility model), AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CR, CU, CZ, CZ (Utility model), DE, DE (Utility model), DK, DK (Utility model), DM, DZ, EE, EE (Utility model), ES, FI, FI (Utility model), 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, SK (Utility model), 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, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG).</p> <p><b>Published</b><br/>With international search report.</p> |
| <p>(54) Title: <b>POWER RAIL AND GUIDEBEAM ASSEMBLY FOR A VEHICLE TRANSPORTATION SYSTEM</b></p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| <p>(57) Abstract</p> <p>A power rail and guidebeam assembly (10) for use in a vehicle transportation system conveys electric power to travelling vehicles in the vehicle transportation system. The power rail and guide beam assembly includes a guidebeam (12) having an H-shaped body (14). The body of the guidebeam (12) is defined by two flanges (16, 18) that are interconnected by a web (20). A mounting bracket (30) is secured to the web, with the mounting bracket (30) including a base and at least one ear (54). A power rail (26) is secured to the at least one ear (54) of the mounting bracket. The power rail is electrically insulated from the guidebeam (12) by the mounting bracket (30). The guidebeam (12) is preferably grounded to the earth.</p> |                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |