



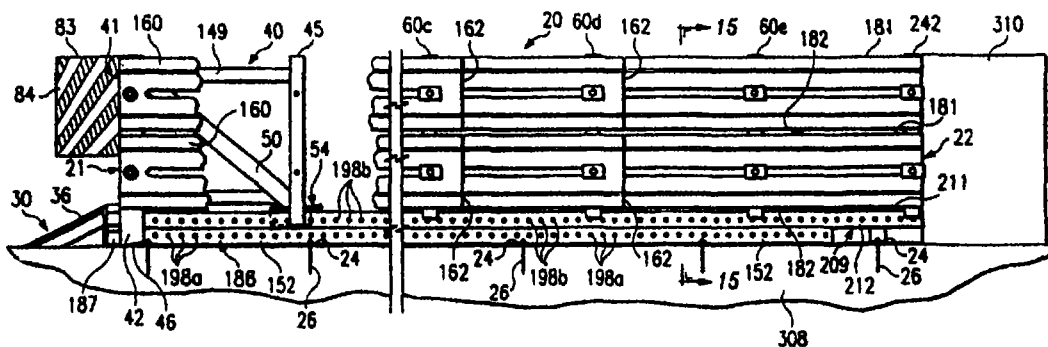
PCT

WORLD INTELLECTUAL PROPERTY ORGANIZATION
International Bureau

INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(51) International Patent Classification ⁷ : E01F 15/14	A1	(11) International Publication Number: WO 00/09813 (43) International Publication Date: 24 February 2000 (24.02.00)
(21) International Application Number: PCT/US99/18509 (22) International Filing Date: 12 August 1999 (12.08.99) (30) Priority Data: 60/096,538 13 August 1998 (13.08.98) US 09/356,060 19 July 1999 (19.07.99) US (71) Applicant: EXODYNE TECHNOLOGIES, INC. [US/US]; P.O. Box 121008, Fort Worth, TX 76121-1008 (US). (72) Inventor: ALBRITTON, James, R.; 208 Highland Drive, Aledo, TX 76008 (US). (74) Agent: FELGER, Thomas, R.; Baker & Botts, L.L.P., 2001 Ross Avenue, Dallas, TX 75201-2980 (US).		(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), 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, 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, UA, UG, UZ, VN, YU, ZA, ZW, ARIPO patent (GH, GM, KE, LS, MW, SD, SL, SZ, 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). Published <i>With international search report.</i> <i>Before the expiration of the time limit for amending the claims and to be republished in the event of the receipt of amendments.</i>

(54) Title: ENERGY ABSORBING SYSTEM FOR FIXED ROADSIDE HAZARDS



(57) Abstract

An energy absorbing system with one or more energy absorbing assemblies is provided to reduce or eliminate the severity of a collision between a moving motor vehicle and a roadside hazard. The energy absorbing system may be installed adjacent to a roadside hazard such as the end of a concrete barrier facing oncoming traffic. The energy absorbing system preferably includes at least one energy absorbing element. A sled assembly is also provided with a cutter plate such that a collision by the motor vehicle with one end of the sled assembly will result in the cutter plate tearing or ripping the energy absorbing element to dissipate energy from the motor vehicle collision. The configuration and number of energy absorbing assemblies and the configuration and number of energy absorbing elements may be varied depending upon the intended application for the resulting energy absorbing system.



162162



G00002