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INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(51) International Patent Classification ⁶ : B63B 29/06, B60N 2/04		A1	(11) International Publication Number: WO 96/15025
			(43) International Publication Date: 23 May 1996 (23.05.96)
(21) International Application Number: PCT/AU95/00759		(81) Designated States: AU, CA, CN, JP, SG, US, European patent (AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE).	
(22) International Filing Date: 15 November 1995 (15.11.95)			
(30) Priority Data: ① PM 9450 ✓ 15 November 1994 (15.11.94) AU ✓		Published With international search report. ✓	
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(54) Title: LEG ATTACHMENT SYSTEM AND METHOD FOR SEATS

(57) Abstract

A system to attach seats, in particular rows of light weight seats to the light gauge deck of a high speed passenger marine craft. Horizontal flanges of aluminium angles (23) form a T-shaped foot locking within cavity (35) of track (29) fixed to the deck. High tensile tie straps (27a,b) are held between the vertical webs of the angles (23) by pins (69). A tubular pedestal (25, shown cut in half) has upper recesses (49) which mate with a box beam (not shown) supporting the seats. When the threaded studs (73) of the tie straps (27a,b) are bolted to the box beam, inertial forces arising from the impact of the craft will be uniformly distributed by the pedestal, tie straps and angles (23) to the track for dissipation over an extended length of track thus reducing the effects of localised shear. On assembly of the system, the angles (23) need not be slid along the track but may be inserted individually, being later spaced apart by insertion of tie straps (27a,b) so as to laterally fill the cavity (35).

