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(74) Agent: GRIFFITH HACK; GPO Box 1285, Melbourne, Victoria 3001 (AU).

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(71) Applicant: TRELLEBORG MARINE SYSTEMS MELBOURNE PTY LTD [AU/AU]; Virginia Park, 9 South Drive, 236 East Boundary Road, East Bentleigh, Victoria 3165 (AU).

(72) Inventor: HADCROFT, John Mackay; 37 Tenby Place, Avondale, Christchurch, 8061 (NZ).

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(54) Title: AUTOMATED MOORING DEVICE

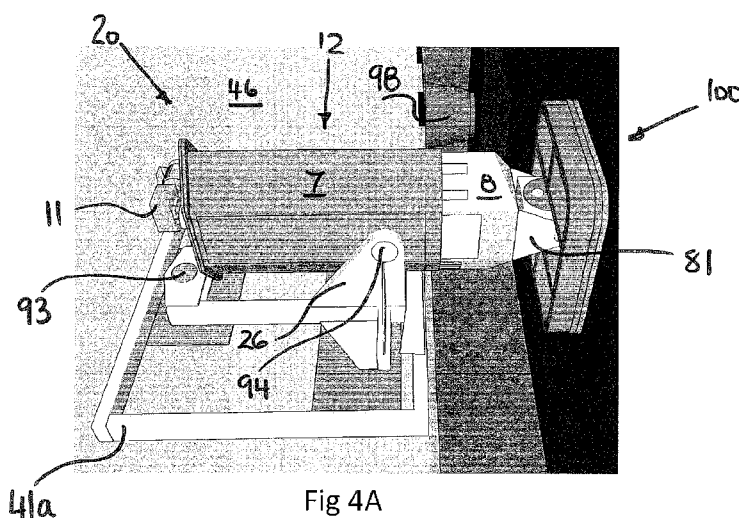


Fig 4A

(57) Abstract: A automated mooring device for mooring a first structure to a second structure, the device comprising: a vacuum engagement member for releasably engaging the first structure; a dampener having a first portion movably connected to a second portion, the first portion being connected to the engagement member and the second portion being connected to the second structure, wherein the dampener is configured to damp load transfer between the first and second portions of the dampener and thereby damp relative motion between the first and second structures.