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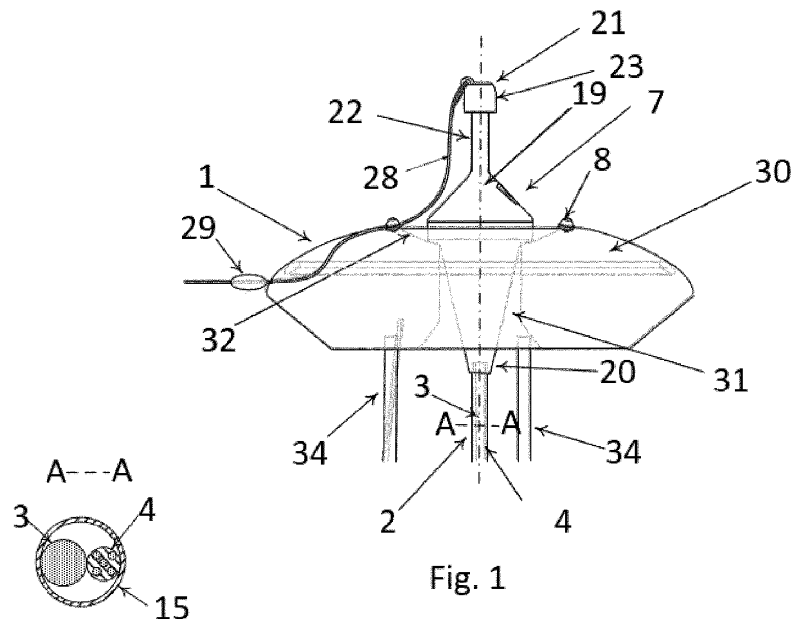


Fig. 1

(57) Abstract: The present invention relates to a system and method for mooring of and supply electrical power to a vessel, the system comprising a mooring buoy, a mooring connection being a combined mooring and electrical connection by comprising a mooring line and an electric conductive cable for supply of said electrical power and a retractable vessel connector provided at an end of the mooring connection, wherein the vessel connector is a combined mooring connector and electrical connector. The system further comprising or involves a gripping device arranged on a vessel wherein the gripping device is configured to grip and lock said vessel connector to moor said vessel to said mooring buoy.

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