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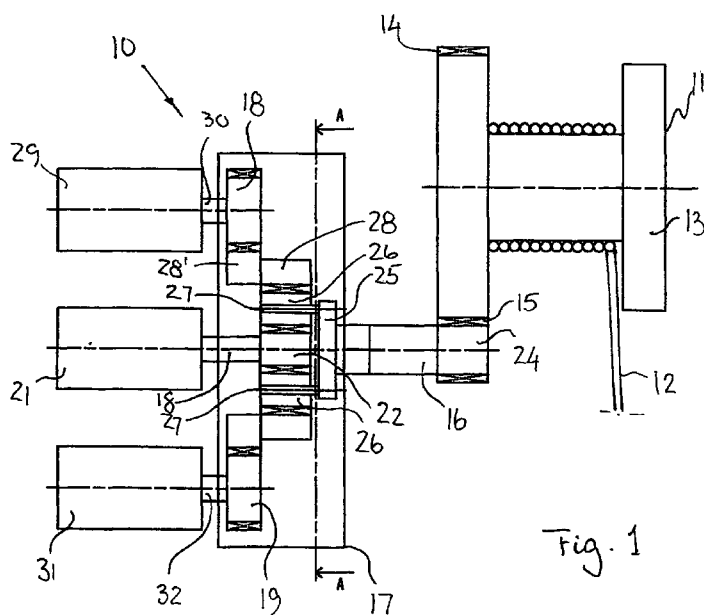
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(54) Title: METHOD AND SYSTEM FOR OPERATING WINCHES, AND USE THEREOF



(57) **Abstract:** This publication discloses a method and a winch system for powering a winch handling loads at an end of a line associated with a winch drum, the winch being powered by means of one or more electric motors and one or more hydraulic motors via a gear, in that said one or more hydraulic motors are operated when the load in the line exceeds a predetermined load level for taking care of quick hauling in or paying out the line to compensate for vertical motion of the winch, for example vessel due to waves, and the output shaft(s) of said one or more hydraulic motors are connected to the drum shaft through combination of a sun wheel, planet wheels and parallel wheels. Both a system and use of the invention are disclosed.