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(54) Title: TRIMMABLE RUDDER

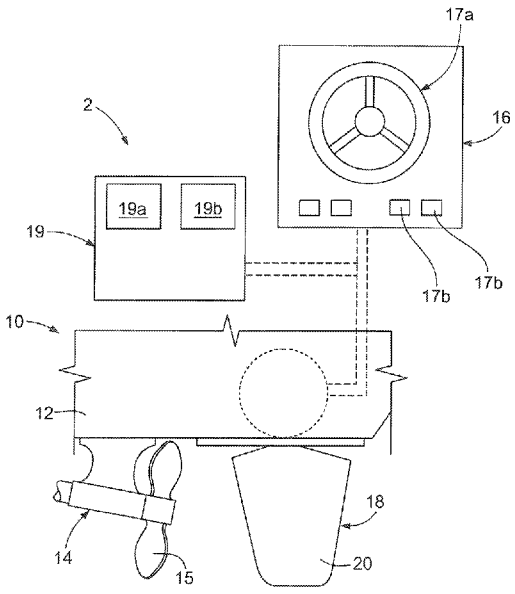


FIG. 1

(57) Abstract: A trimmable rudder system (2) for a marine vessel such as a planing power boat (10), the system including a pair of rudder assemblies (18), each of which includes a mdder blade (20) movably coupled to the hull (12) by way of a ball-and-socket joint (24). Each mdder assembly (18) includes a rudder shaft (22) that extends from the rudder blade (20) through the ball-and-socket joint (24) and can be rotated for rotating the mdder blade (20) to steer the power boat (10). Each rudder shaft (22) may be operably coupled to a pair of actuators (26, 28) configured to control trim and camber positions of the mdder blade (20) so that the pair of rudder blades (20) can collectively achieve a desired hull trim change, including listing control and planing control of the power boat (10). Steering position, trim position, and camber position of the rudder blades (20) may be simultaneously changed.

WO 2014/035930 A1