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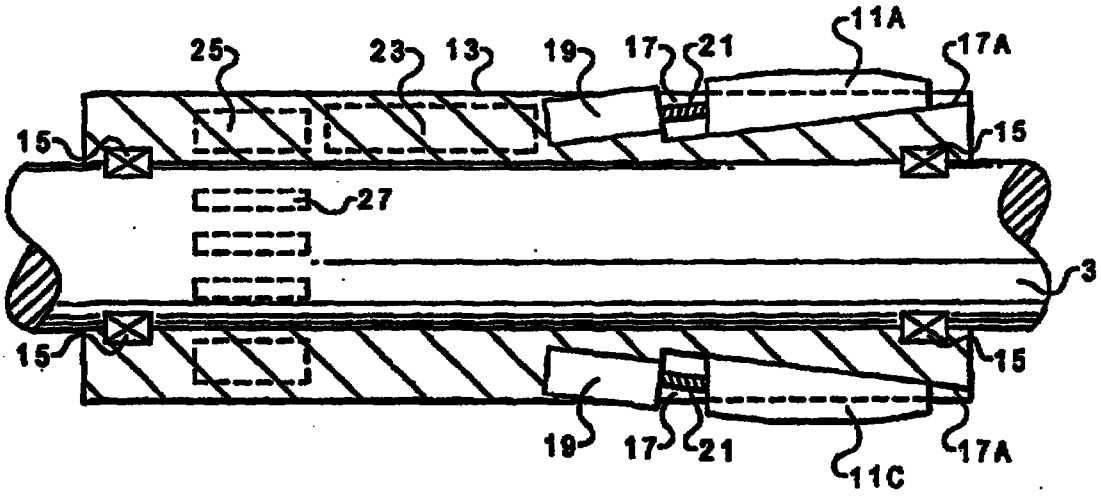
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(54) Title: ADJUSTABLE STABILIZER FOR DIRECTIONAL DRILLING



(57) Abstract

A stabilizer body is rotatably carried by the stabilizer sub (3), wherein the stabilizer body remains substantially stationary relative to the borehole as the drillstring rotates. At least one stabilizer blade (11) is carried by the stabilizer body, the stabilizer blade being radially extendable from the stabilizer body and into engagement with the sidewall of the borehole. Each stabilizer blade is extendable and retractable from the stabilizer body independently of the others. Each of the blades is guided in slots (17) with inclined bottom (17A) and shifted along the bottom by an electrical motor (19). The motors are fed by batteries (25) which are charged by inductive coupling with charging coils (27) carried by stabiliser sub (3). The movement of the blades is controlled either via telemetry from the surface or by MWD system.