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ATION [US/US]; 1333 West Loop South, Suite 1700,
Houston, TX 77027 (US).(72) Inventors: MORIN, Jesse; Cameron International Corpor-
ation, 14 Business Park Road, Limerick, ME 04048 (US).
MCHUGH, Edmund; Cameron Ireland Ltd., Aghafad,
Longford (IE). HANES, Michael; Cameron International
Corporation, 14 Business Park Road, Limerick, ME 04048
(US).(74) Agent: EUBANKS, IV, L., Lee; Eubanks PLLC, 19500
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(54) Title: LINEAR ACTUATOR

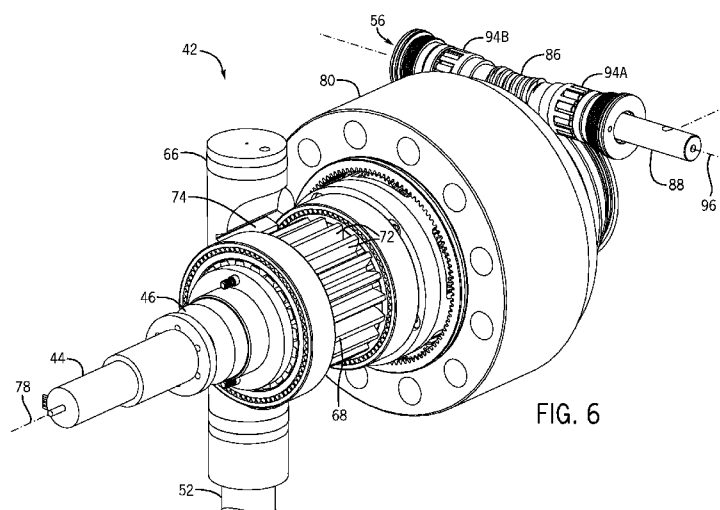


FIG. 6

(57) Abstract: A linear actuator (42) is provided. In one embodiment, the actuator (42) includes a motor (44), a gearbox (48), and a linear actuation device (50). The motor serves as a primary input to provide a rotational input to the gearbox, which generates a corresponding rotational output. The linear actuation device converts the rotational output of the gearbox into a linear motion for driving a load (52) in a linear direction. The actuator includes an override system (54) as a secondary input. The override system may be operated to drive the gearbox in the event that the motor becomes non-operational. Anti-back-driving devices (46, 56) may be provided to prevent back-driving of the motor and of the override system. In the context of a resource extraction system, the motor may be an electric motor powered by subsea electronic control system. Additional systems, devices, and methods are also disclosed.