

SHEAR BOOST TRIGGERING AND BOTTLE REDUCING SYSTEM AND METHOD

ABSTRACT

Systems can be configured to move a ram block in a blowout preventer. The system includes: a first bank of accumulators configured to provide a first pressure to move the ram block; a second bank of accumulators configured to provide a second pressure to move the ram block, wherein the second pressure is greater than the first pressure; and a controller configured to sequentially control the first bank of accumulators to apply pressure to move the ram block and to then control the second bank of accumulators to move the ram block after the first bank of accumulators has moved the ram block a first distance.

[Figure 5]