

Title (en)

BLOWOUT PREVENTER MONITOR WITH TRIGGER SENSOR AND METHOD OF USING SAME

Title (de)

PREVENTERGARNITURÜBERWACHER MIT AUSLÖSESENSOR UND VERFAHREN ZUR VERWENDUNG DAVON

Title (fr)

DISPOSITIF DE CONTRÔLE D'OBTURATEUR ANTI-ÉRUPTION À CAPTEUR DE DÉCLENCHEMENT, ET SON PROCÉDÉ D'UTILISATION

Publication

EP 3140498 B1 20180411 (EN)

Application

EP 14747203 A 20140708

Priority

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Abstract (en)

[origin: WO2015003190A2] The present disclosure relates to a monitor for a blowout preventer of a wellbore. The blowout preventer includes a housing, rams, and an actuator comprising a cylinder with a piston. The piston is operatively connectable with the ram and movable therewith. The monitor includes a monitor base operatively connectable to the cylinder (the monitor base having an interior side inside the cylinder and an exterior side outside the cylinder), an interior plate positionable inside the cylinder about the interior side of the base (the interior plate operatively connectable to the piston and movable therewith), an exterior plate positionable outside the cylinder about the exterior surface of the monitor base (the exterior plate coupled by magnets to the interior plate and rotatable therewith), and a trigger sensor operatively connectable about the monitor base and the exterior plate to detect rotation thereof whereby a position of the ram may be determined.

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