

Title (en)
CLUSTERED WELLHEAD TRUNKLINE PROTECTION AND TESTING SYSTEM WITH ESP SPEED CONTROLLER AND EMERGENCY ISOLATION VALVE

Title (de)
SCHUTZ- UND TESTSYSTEM FÜR EINE HAUPTLEITUNG VON GRUPPIERTEN BOHRLOCHKÖPFEN MIT ESP-GESCHWINDIGKEITSREGLER UND NOTABSPERRVENTIL

Title (fr)
SYSTÈME DE PROTECTION ET DE TEST DE CANALISATION PRINCIPALE DE TÊTE DE PUIITS REGROUPEE AVEC DISPOSITIF DE COMMANDE DE VITESSE ESP ET VANNE D'ISOLEMENT D'URGENCE

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Application
EP 11834883 A 20111013

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Abstract (en)
[origin: WO2012054295A1] The systems and processes of the present invention includes ESP variable speed drive controllers that function in conjunction with a safety logic solver, pressure sensors, and an emergency isolation valve to perform a functional test of the complete wellhead trunkline protection system without interruption of production.

IPC 8 full level
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Citation (search report)
• [A] US 2010071775 A1 20100325 - RATCLIFFE ANTHONY JAMES [GB]
• [A] US 2008262736 A1 20081023 - THIGPEN BRIAN L [US], et al
• See references of WO 2012054295A1

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WO 2012054295 A1 20120426; BR 112013002186 A2 20160531; CA 2810721 A1 20120426; CA 2810721 C 20180501; CN 103221634 A 20130724; CN 103221634 B 20160824; EA 024606 B1 20161031; EA 201390043 A1 20130830; EP 2630331 A1 20130828; EP 2630331 A4 20170614; MX 2013004432 A 20130603

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