

Title (en)
SAFETY SYSTEM FOR ISOLATING THE DANGEROUS AREAS OF A DRILLING MACHINE, DRILLING MACHINE PROVIDED WITH SAID SAFETY SYSTEM AND PROCESS FOR USING SAID DRILLING MACHINE

Title (de)
SICHERHEITSSYSTEM ZUR ISOLIERUNG DER GEFÄHRlichen BEREICHE EINER BOHRMASCHINE, BOHRMASCHINE MIT BESAGTEM SICHERHEITSSYSTEM UND VERFAHREN ZUR VERWENDUNG BESAGTER BOHRMASCHINE

Title (fr)
SYSTÈME DE SÉCURITÉ PERMETTANT D'ISOLER LES ZONES DANGEREUSES D'UNE MACHINE DE FORAGE, MACHINE DE FORAGE POURVUE D'UN TEL SYSTÈME DE SÉCURITÉ ET PROCÉDÉ D'UTILISATION DE LADITE MACHINE DE FORAGE

Publication
EP 2957709 A3 20160504 (EN)

Application
EP 15172967 A 20150619

Priority
IT MI20141125 A 20140620

Abstract (en)
[origin: EP2957709A2] The safety system comprises an extensible screen (9) reversibly extendable and retractable along the mast (3) and with a proximal end (9 A) fixed to the rotary drive (5), and a distal end (9 D), and the extensible screen enclosing the drill string (6) for at least a part of its length; a side displacement system (8) fixed to the mast allowing the longitudinal movement of the rotary drive along the mast and moving the rotary drive in a direction transversal to the mast; a sensor arranged for detecting the position of the distal end (9 D) in the longitudinal direction.

IPC 8 full level
E21B 7/02 (2006.01); **E21B 41/00** (2006.01)

CPC (source: EP)
E21B 41/0021 (2013.01)

Citation (search report)
[AD] US 3078933 A 19630226 - ORNER AMOS B

Cited by
CN113464048A; CN111663913A; CN110439475A; EP3244004A1; CN118128451A

Designated contracting state (EPC)
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)
BA ME

DOCDB simple family (publication)
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