

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 B1 20170816 (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)

Cited by

CN118223782A; CN113464048A; CN118128451A; CN111663913A; CN110439475A; EP3244004A1; CN118548780A

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