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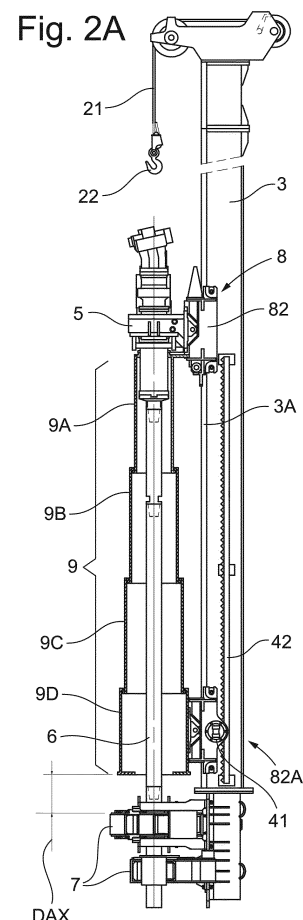
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(54) **SAFETY SYSTEM FOR ISOLATING THE DANGEROUS AREAS OF A DRILLING MACHINE, DRILLING MACHINE PROVIDED WITH SAID SAFETY SYSTEM AND PROCESS FOR USING SAID DRILLING MACHINE**

(57) The safety system comprises an extensible screen (9) reversibly extendable and retractable along the mast (3) and with a proximal end (9A) fixed to the rotary drive (5), and a distal end (9D), 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 (9D) in the longitudinal direction.



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## EUROPEAN SEARCH REPORT

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DOCUMENTS CONSIDERED TO BE RELEVANT			
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (IPC)
A,D	US 3 078 933 A (ORNER AMOS B) 26 February 1963 (1963-02-26) * column 2, line 27 - line 65 * -----	1-15	INV. E21B7/02 E21B41/00
			TECHNICAL FIELDS SEARCHED (IPC)
			E21B
The present search report has been drawn up for all claims			
Place of search <b>The Hague</b>		Date of completion of the search <b>16 March 2016</b>	Examiner <b>Rampelmann, Klaus</b>
CATEGORY OF CITED DOCUMENTS X : particularly relevant if taken alone Y : particularly relevant if combined with another document of the same category A : technological background O : non-written disclosure P : intermediate document T : theory or principle underlying the invention E : earlier patent document, but published on, or after the filing date D : document cited in the application L : document cited for other reasons & : member of the same patent family, corresponding document			

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10	Patent document cited in search report	Publication date	Patent family member(s)	Publication date
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For more details about this annex : see Official Journal of the European Patent Office, No. 12/82