

Title (en)
A DEVICE FOR CONTROLLING AND ISOLATING A TOOL IN THE FORM OF AN EXPANSIBLE SLEEVE FOR ISOLATING AREAS IN A WELL

Title (de)
VORRICHTUNG ZUR STEUERUNG UND ISOLIERUNG EINES WERKZEUGES IN FORM EINER SPREIZHÜLSE ZUR ISOLIERUNG VON BEREICHEN IN EINEM BOHRLOCH

Title (fr)
DISPOSITIF DE COMMANDE ET D'ISOLEMENT D'UN OUTIL SOUS LA FORME D'UN MANCHON EXPANSIBLE SERVANT À ISOLER DES ZONES DANS UN Puits

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Application
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Abstract (en)
[origin: WO2014154480A1] The present invention relates to a device for controlling and isolating a tool (3) for isolating areas in a well (1) which comprises: - a main inlet conduit (C) which communicates with the inside of said casing (2), and which is obturated by a first element (5) able to form a barrier to a fluid circulating in said casing (2), while yielding beyond a first pressure (P1), - this conduit (C) communicating, with two auxiliary conduits (6, 8), the ends of which join up in order to form an outlet conduit (9), - one (8) of these auxiliary conduits, forming a first chamber, while, in the other one (6), a second element (7) is provided forming a barrier, moveable between a first position and a second position characterized by the fact that in said first position, said second element (7) forming a barrier and the wall (630) of said second auxiliary conduit (6) make between them a sealed annular chamber (CH2) in which prevails a so-called «isolation» pressure (PIS), this chamber (CH2) not communicating with the outside, notably with the well (1).

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