

Title (en)

METHOD FOR TRIGGERING DETONATORS VIA A LINE OF A LARGE LENGTH

Title (de)

VERFAHREN ZUM AUSLÖSEN VON ZÜNDERN ÜBER EINE LEITUNG GROSSER LÄNGE

Title (fr)

PROCEDE POUR DECLANCHER DES AMORCES PAR L'INTERMEDIAIRE D'UNE LIGNE DE LONGUEUR IMPORTANTE

Publication

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Application

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Abstract (en)

[origin: WO0057124A1] When triggering detonators via lines of a large length, which is often the case in exploration wells in oil or natural gas fields, signal distortions occur due to the capacitive and inductive behavior of the long line (3) as well as of the consumers connected in incoming circuit to the detonators (4a, 4b, 4c). For this reason, a sure triggering of the detonators is no longer guaranteed. The invention thus provides that, before the detonators are triggered, the existing capacitors (8) are charged by applying a direct current to the line. Said capacitors (8) are charged to a level such that, at least up to the time at which the last detonator is triggered, the capacitors are not subjected to an additional charging that is induced by charge losses.

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