Title (en)

METHOD FOR INTRODUCING AN INDUCTOR LOOP INTO A ROCK FORMATION

Title (de)

VERFAHREN FÜR DAS EINBRINGEN EINER INDUKTORSCHLEIFE IN EINE GESTEINSFORMATION

Title (fr)

PROCÉDÉ D'INTRODUCTION D'UNE BOUCLE D'INDUCTANCE DANS UNE FORMATION ROCHEUSE

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Application

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Abstract (en)

[origin: CA2934111A1] The invention relates to a method for introducing an inductor loop (90) into a rock formation (100) for heating an oil reservoir (110) in the rock formation (100) for oil extraction, comprising the following steps: drilling a first inductor bore (120) for introducing a first inductor arm (20); drilling a second inductor bore (130) for introducing a second inductor arm (30); drilling at least one intersecting bore (140) to create a first area of intersection (150) with the first inductor bore (120) and a second area of intersection (150) with the second inductor bore (130); introducing the first inductor arm (20) into the first inductor bore (120) and the second inductor arm (30) into the second inductor bore (130); introducing at least one connecting arm (40) into the intersecting bore (140) for electrically conductive connection to the two inductor arms (20, 30) in the two areas of intersection (150) so as to form the inductor loop (90). The invention also relates to an induction device for carrying out this method.

IPC 8 full level

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