

Title (en)

Inductor and method for heating a geological formation

Title (de)

Induktor und Verfahren zur Heizung einer geologischen Formation

Title (fr)

Inducteur et procédé de chauffage d'une formation géologique

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Application

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Priority

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Abstract (en)

[origin: CA2949555A1] The invention relates an inductor (1) for heating a geological formation, in particular a deposit (100) of a hydrocarbon-containing substance, for example a deposit of tar sand, oil shale, or heavy oil reserves, by means of electromagnetic induction, in particular for obtaining the hydrocarbon-containing substance from the deposit (100). The inductor (1) comprises at least one conductor (2), wherein the conductor (2) has at least one interruption point (4), wherein a rounded conducting body (40) is applied at least on one end region (6) of the conductor (2) at the interruption point (4). In particular, an individual wire can be interrupted and connected to the rounded conducting body (40). A sleeve can preferably be used which surrounds the rounded conducting body. The invention further relates to an operating method and a production method for the inductor.

IPC 8 full level

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CPC (source: EP)

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