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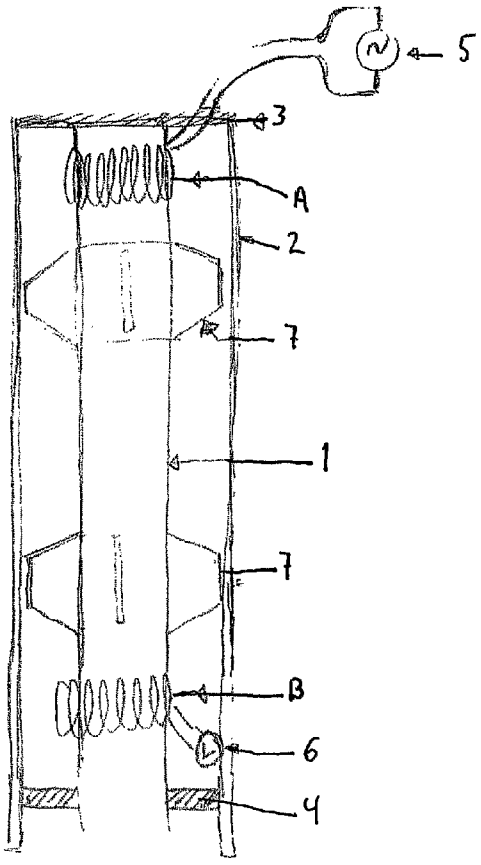
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(54) Title: WELL HAVING INDUCTIVELY COUPLED POWER AND SIGNAL TRANSMISSION



(57) Abstract: Well for production of hydrocarbons, comprising a hole drilled down into an underground, a casing fastened to the hole wall, a production pipe that extends into the casing from the surface and down to a hydrocarbon-containing zone, a hanger on the surface in an upper end of the well, in which hanger the production pipe and casing are hung up and electrically short-circuited, and a packer arranged sealingly and electrically short-circuiting in the annulus between the production pipe and the casing, in or close to a lower end of the well, distinguished in that the well further comprises: a primary coil arranged concentrically about the production pipe, a secondary coil arranged concentrically about the production pipe, a load connected to the secondary coil, and an alternating current generator/signal unit connected to the primary coil.

WO 2007/004891 A1

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