

Title (en)
MAGNETISING OF A HOLLOW SHAFT

Title (de)
MAGNETISIERUNG EINER HOHLWELLE

Title (fr)
MAGNETISATION D'ARBRE CREUX

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Application
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Abstract (en)
[origin: WO2018010855A1] The invention discloses an apparatus for magnetizing a ferromagnetic, electrically conductive hollow shaft, wherein the apparatus comprises: an electrically conductive rod-like element for generating one or more magnetic fields with an internal contact-making apparatus, which is arranged thereon, for making contact with an inner contact region on an inner side of the hollow shaft; an external contact-making apparatus for making contact with an outer contact region on an outer side of the hollow shaft; and a current source for generating a current pulse through the rod-like element, the internal contact-making apparatus and the external contact-making apparatus, and also through the hollow shaft between the inner and the outer contact region, wherein a first pole of the current source is connected or can be connected to at least one current supply contact point of the rod-like element, and a second pole of the current source is connected or can be connected to the external contact-making apparatus, and wherein an electrical polarity of the first pole is opposite to the electrical polarity of the second pole. The invention further discloses a corresponding method.

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