

Title (en)
ELECTROMAGNET

Title (de)
ELEKTROMAGNET

Title (fr)
ELECTROAIMANT

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Application
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Abstract (en)
[origin: WO02052586A1] The invention relates to an electromagnet (10) with a magnet coil (13), comprising an exciter winding (23) made from an insulated winding wire (24), a magnet core (14), a moving armature (16), lying opposite the magnet core (14) and a return spring (23), engaging with said armature (16). Fusible studs (26), electrically connected to each other and made from electrically conducting material, are arranged on the magnet coil (13), for the subsequent adjustment of the magnetic force supplied by the complete electromagnet (10). The winding wire (24) runs around each of the posts (26) in selected turns of the exciter winding (23). At least two posts (26) are melted, such as to form a reliable bond with the winding wire (24) through the wire insulation thereof, for adjustment of the desired magnetic force.

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