

Title (en)

METHOD FOR PRODUCING A MAGNETIZABLE METAL SHAPED BODY

Title (de)

VERFAHREN ZUM HERSTELLEN EINES MAGNETISIERBAREN METALLISCHEN FORMKÖRPERS

Title (fr)

PROCÉDÉ DE FABRICATION D'UN CORPS MÉTALLIQUE MOULÉ MAGNÉTISABLE

Publication

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Application

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Abstract (en)

[origin: WO2009135604A1] The invention relates to a method for producing a magnetizable metal shaped body comprising a ferromagnetic starting material that is present in powder and in particulate form, using the following steps: - first compaction of the starting material (S3) such that adjoining particles become bonded to each other by means of positive adhesion and/or integral bonding in sections along the peripheral surfaces thereof and while forming hollow spaces, - creating an electrically isolating surface coating on the peripheral surfaces of the particles in regions outside the joining sections (S4) and - second compaction of the particles (S5) provided with said surface coating, such that the hollow spaces are reduced in size or eliminated.

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