

Title (en)

METHOD FOR PRODUCING THE SURFACE GEOMETRY OF SOLENOIDS

Title (de)

HERSTELLVERFAHREN DER OBERFLÄCHENGEOMETRIE VON ELEKTROMAGNETEN

Title (fr)

PROCEDE D'OBTENTION DE LA GEOMETRIE SUPERFICIELLE D'ELECTRO-AIMANTS

Publication

**EP 1474815 B1 20050810 (DE)**

Application

**EP 03739372 A 20030131**

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Abstract (en)

[origin: WO03069641A1] The invention relates to a method for producing a solenoid with a center limb and two outer pole shanks that have one pole surface each and one back resting so that it faces away from it. The back is first at least partially freely formed. The solenoid is then elastically tensioned towards the back by a tensioning device. In the tensioned state, the pole surfaces are ground so that the solenoid, when withdrawn from the tensioning device, has a convex support surface constituted by the pole surfaces.

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