

Title (en)

METHOD FOR PRODUCING A COILED BODY

Title (de)

VERFAHREN ZUR HERSTELLUNG EINES GEWENDELTEN KÖRPERS

Title (fr)

PROCÉDÉ DE FABRICATION D'UN CORPS SPIRALÉ

Publication

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Application

**EP 19717481 A 20190411**

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Abstract (en)

[origin: WO2019197584A1] The invention relates to a method for producing a hollow, coiled, electrically conductive body (1), wherein: first a coiled core (8) is produced from a core material that can be liquefied or vaporised under the influence of heat, and then coated with a first powder layer (3, 3') of an at least partially electrically conductive first powder by means of a powder-coating method; and the coiled core with the first powder layer is heated to a first temperature at which the core is liquefied or transforms into a gaseous form and the first powder layer is at least partially solidified in a porous form, wherein the core material is removed from the space surrounded by the powder coating and, after the removal of the core material from the space surrounded by the first powder layer, the first powder layer is further sintered, in particular such that the first powder layer is heated to a second temperature which is higher than the first temperature. The invention also relates to the coiled body.

IPC 8 full level

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CPC (source: EP US)

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Citation (search report)

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