

Title (en)
METHOD FOR PRODUCING A SINTERED, IRON-BASED WORKPIECE

Title (de)
VERFAHREN ZUM HERSTELLEN EINES GESINTERTEN WERKSTÜCKES AUF EISENBASIS

Title (fr)
PROCÉDÉ DE FABRICATION D'UNE PIÈCE FRITTÉE À BASE DE FER

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Abstract (en)
[origin: WO2009108981A1] The invention relates to a method for producing a sintered, iron-based workpiece, wherein a formation is pressed from a sinter powder and sintered into a blank, before the blank is consolidated in the region of a surface layer. In order to enable the surface to be consolidated without a presser tool, it is proposed that the sintered blank be enriched with carbon and/or boron in the surface regions, which are to be consolidated, and resintered above the solidus temperature of the enriched surface layer.

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