

Title (en)

METHOD OF PREPARING IRON-BASED COMPONENTS BY COMPACTION WITH ELEVATED PRESSURES

Title (de)

VERFAHREN ZUR HERSTELLUNG VON KOMPONENTEN AUF EISENBASIS DURCH VERDICHUNG MIT ERHÖHTEN DRÜCKEN

Title (fr)

PROCEDE DE PREPARATION DE COMPOSANTS A BASE DE FER PAR COMPACTAGE A DES PRESSIONS ELEVEES

Publication

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Application

**EP 03751717 A 20031022**

Priority

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Abstract (en)

[origin: WO2004037468A1] The present invention concerns a process for the preparation of high density green compacts comprising the steps of providing an iron-based powder essentially free from fine particles; optionally mixing said powder with graphite and other additives; uniaxially compacting the powder in a die at a compaction pressure of at least about 800 MPa and ejecting the green body. The invention also concerns the powder used in the method.

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