

Title (en)

METHOD FOR PRODUCING SOFT-MAGNETIC SINTERED COMPONENTS

Title (de)

VERFAHREN ZUR HERSTELLUNG VON WEICHMAGNETISCHEN SINTERBAUTEILEN

Title (fr)

PROCEDE POUR LA PRODUCTION D'ELEMENTS MAGNETIQUES DOUX FRITES

Publication

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Application

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Abstract (en)

[origin: WO0029631A1] The invention relates to a method for producing soft-magnetic sintered components, according to which first the shape of a green body is produced by pressing and said green body is then sintered. As starting materials (A, B, C) for pressing the green body a mixture (1) of a powder mix, which contains at least between 5 and 30 % by weight, in relation to the total starting materials, of fine powder and has a mean particle size of between 5 and 40 μm , and a thermoplastic binder is used. This mixture is pressed (2) into the green body at a temperature higher than the softening temperature of the binder, after which the green body obtained in this way is sintered (3).

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