

Title (en)

METHOD FOR PRODUCTION OF A SOFT-MAGNETIC CORE FOR GENERATORS AND GENERATOR COMPRISING SUCH A CORE

Title (de)

VERFAHREN ZUR HERSTELLUNG EINES WEICHMAGNETISCHEN KERNS FÜR GENERATOREN SOWIE GENERATOR MIT EINEM DERARTIGEN KERN

Title (fr)

PROCEDE DE FABRICATION D'UN COEUR MAGNETIQUE DOUX POUR UN GENERATEUR ET GENERATEUR POURVU D'UN COEUR DE CE TYPE

Publication

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Application

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Priority

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Abstract (en)

[origin: WO2007009442A2] The invention relates to a method for production of a soft-magnetic core for generators and a generator comprising such a core. A number of magnetically-formed or magnetically-formable sheets of a CoFeV alloy with a texture are produced for the production of a core. The number of sheets are subsequently stacked to give a laminated core and the magnetically-formed laminated core eroded to give a soft-magnetic core. Such a core is suitable for a generator with a stator and rotor for a high-speed aircraft turbine, wherein the sheets on the laminated bundle are aligned with relation to each other in differing texture directions.

IPC 8 full level

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