

Title (en)  
SOFT MAGNETIC POWDER COMPOSITION COMPRISING INSULATED PARTICLES AND A LUBRICANT SELECTED FROM ORGANO-SILANES, -TITANATES, -ALUMINATES AND ZIRCONATES AND A PROCESS FOR THEIR PREPARATION

Title (de)  
WEICHMAGNETISCHE PULVERZUSAMMENSETZUNG MIT ISOLIERTEN TEILCHEN UND SCHMIERMITTEL, AUSGEWÄHLT AUS ORGANOSILANEN, -TITANATEN, -ALUMINATEN UND ZIRKONATEN UND VERFAHREN FÜR IHRE HERSTELLUNG

Title (fr)  
COMPOSITION PULVERULENTE FAIBLEMENT FERROMAGNETIQUE COMPRENANT DES PARTICULES ISOLEES ET UN LUBRIFIANT SELECTIONNE DANS UN GROUPE COMPRENANT DES ORGANO-SILANES, -TITANATES, -ALUMINATES ET ZIRCONATES ET SON PROCEDE DE PRODUCTION

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Abstract (en)  
[origin: WO2004056508A1] The present invention concerns a new ferromagnetic powder composition comprising soft magnetic iron-based core particles wherein the surface of the core particles are surrounded by an insulating coating, and a lubricating amount of a compound selected from the group consisting of silanes, titanates, aluminates, zirconates, or mixtures thereof. The invention also concerns a process for the preparation of soft magnetic composite materials using the new powder composition.

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