

Title (en)

STATOR FOR A MAGNETIC GEAR AND MANUFACTURING METHOD THEREOF

Title (de)

STATOR FÜR EIN MAGNETISCHES GETRIEBE SOWIE DESSEN HERSTELLUNGSVERFAHREN

Title (fr)

STATOR POUR UN ENGRENAGE MAGNETIQUE ET SON PROCÉDÉ DE FABRICATION

Publication

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EP 10735199 A 20100708

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Abstract (en)

[origin: WO2012003846A1] The invention relates to a device comprising a stator in a magnetic transmission for modulating a magnetic alternating field between two rotors. The stator is made of a substrate material and soft magnetic elements embedded in the substrate material, wherein according to the invention the substrate material is concrete. The aim is further achieved by a production method. In the method for producing a device according to the invention, the metal parts are held in position by magnets fastened under the mold during the process of pouring the concrete into the mold. Alternatively, the metal parts are held in position by the clamped fibers and/or inserted hoses according to a second patent claim.

IPC 8 full level

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