

Title (en)

A STATOR FOR A ROTARY ELECTRIC MACHINE AND A METHOD FOR MANUFACTURING THEREOF

Title (de)

STATOR FÜR EINE ROTIERENDE ELEKTRISCHE MASCHINE UND HERSTELLUNGSVERFAHREN DAFÜR

Title (fr)

STATOR D'UNE MACHINE ELECTRIQUE ROTATIVE ET SON PROCEDE DE PRODUCTION

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Application

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Priority

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- SE 9901569 A 19990503

Abstract (en)

[origin: WO0067360A1] A stator for a rotary electric machine including a first stator part (2) essentially in the form of a hollow cylinder with an inner envelope surface (4) and with a plurality of grooves (3), at least partly running in the axial direction of the stator (1), which are intended to receive stator conductors (8), wherein each of the grooves in radial direction is delimited towards the inner envelope surface of the first stator part by a bridge (5). The first stator part (2) includes at least one flux influencing stator portion (9), which is at least partly arranged in at least one of the bridges and has an interior material structure that provides it with a magnetic resistance, which at least in the direction of the circumference of the stator is larger than the magnetic resistance in the radial direction of the stator in those portions of the first stator part which surround said flux influencing portion.

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