

Title (en)

A rotor for an electrical alternating current machine and a method for production thereof

Title (de)

Läufer für eine Wechselstrommaschine und Herstellungsverfahren

Title (fr)

Rotor de machine électrique à courant alternatif et son procédé de fabrication

Publication

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Application

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Priority

- SE 9901072 W 19990616
- SE 9802327 A 19980630

Abstract (en)

[origin: WO0001056A1] In a method for production of a rotor for an electrical alternating voltage machine provided with permanent magnets a number of thin sheets are arranged in a stack (6), permanent magnets (10) are arranged in spaces formed in the stack, and a rotor body formed by the stack is stabilised by securing end sheets (7, 11) having a substantially greater thickness than said sheets on both sides of the stack. The securing of the sheets and the stack with respect to each other and at least a first end sheet (7) with respect to the stack takes place through a die casting step through introducing molten cast compound into through holes (4) extending through the sheets and by that the stack and the end sheet and against parts (8) of the front face of this end sheet while applying a high pressure.

IPC 1-7

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IPC 8 full level

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