

Title (en)

ROTOR FOR AN ELECTRICAL ROTATING MACHINE

Title (de)

ROTOR FÜR EINE ELEKTRISCHE ROTIERENDE MASCHINE

Title (fr)

ROTOR POUR MACHINE ÉLECTRIQUE TOURNANTE

Publication

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Application

**EP 17749379 A 20170717**

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- EP 2017068007 W 20170717

Abstract (en)

[origin: WO2018050318A1] The invention relates to a rotor (2) for an electrical rotating machine (3), particularly a synchronous machine (44), comprising a shaft (4) and at least one laminated core (8), where a positive connection acting in the radial direction is formed between the shaft (4) and the at least one laminated core (8), the at least one laminated core (8) comprising partial laminated cores (10) which extend behind each other in the axial direction (A). The aim of the invention is to ensure that the rotor runs very smoothly. To this end, a clamping element (18) is arranged at least between two adjacent partial laminated cores (10), a non-positive connection being formed between the clamping element (18) and at least one of the adjacent partial laminated cores (10).

IPC 8 full level

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Citation (search report)

See references of WO 2018050318A1

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