

Title (en)
ROTOR FOR AN ELECTRIC MACHINE

Title (de)
ROTOR FÜR EINE ELEKTRISCHE MASCHINE

Title (fr)
ROTOR POUR UNE MACHINE ÉLECTRIQUE

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Application
EP 21726595 A 20210511

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Abstract (en)
[origin: WO2021233724A1] The invention relates to a rotor for an electric machine, said rotor comprising a rotor axis (9), a rotor hub (6), and poles (7), wherein at least one portion of a pole (7) is connected to the rest of the rotor by means of a claw construction having at least one projection and at least one groove which interlock in a claw-like manner, and wherein the rotor comprises at least one hydraulic fastening element (1) which is positioned and designed to fasten and prestress the claw construction, wherein the hydraulic fastening element (1) comprises a sleeve (2) which encloses a space filled with hydraulic fluid (3), and wherein the hydraulic fastening element (1) comprises a device for fastening and releasing same, wherein the hydraulic fastening element (1) can be fastened by putting the hydraulic fluid (3) under a sufficiently high positive pressure.

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