

Title (en)

ELECTRIC MOTOR HAVING A FAN COWL AND A SENSOR

Title (de)

ELEKTROMOTOR MIT LÜFTERNAUBE UND SENSOR

Title (fr)

MOTEUR ÉLECTRIQUE AVEC CAPOT DE VENTILATEUR ET CAPTEUR

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Application

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Abstract (en)

[origin: WO2022242905A1] Electric motor having a fan cowl and a sensor, wherein the electric motor has a rotor shaft which is mounted rotatably relative to a bearing flange of the electric motor, in particular wherein the bearing flange receives a bearing by way of which the rotor shaft is rotatably mounted and to which a stator housing of the electric motor is connected, wherein a shaft which is mounted rotatably relative to a housing of the sensor is connected to the rotor shaft of the electric motor for conjoint rotation, wherein the sensor is arranged on that side of the fan cowl which is averted from the bearing flange, wherein the fan cowl has a fan grille having grille openings, wherein at least one angled plate is fastened to the housing of the sensor and projects in the direction of the fan cowl, wherein a connecting plate bears, in particular flat, against a region of the angled plate, wherein the connecting plate rests on a retaining part which is arranged between the connecting plate and the fan cowl, wherein the retaining part has spreading regions which project into a respective grille opening and into each of which a respective screw is screwed in such a way that the spreading regions are clamped into grille openings.

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