

Title (en)

END SHIELD AND ROTOR FOR A ROTARY ELECTRIC MACHINE

Title (de)

LAGERSCHILD UND ROTOR FÜR EINE ELEKTRISCHE DREHMASCHINE

Title (fr)

FLASQUE ET ROTOR DE MACHINE ÉLECTRIQUE TOURNANTE

Publication

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Application

EP 21824621 A 20211123

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Abstract (en)

[origin: WO2022112702A1] The present invention relates to an end shield (10) for a rotary electric machine, comprising one or more feed channels (12) for feeding a coolant supplied from a channel formed in a rotor lamination stack (8) or in a shaft of the rotor or between the rotor lamination stack and the shaft, wherein at least one feed channel (12) comprises a cross-sectional constriction (15), the cross-section of the feed channel decreasing and then increasing in a radial direction relative to the rotational axis (X) of the machine.

IPC 8 full level

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CPC (source: EP US)

H02K 1/32 (2013.01 - EP US); **H02K 7/003** (2013.01 - US); **H02K 9/19** (2013.01 - EP); **Y02E 10/72** (2013.01 - EP)

Citation (search report)

See references of WO 2022112702A1

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