

Title (en)

VENTILATION SYSTEM FOR AIRCRAFT WHEEL AND WHEEL ASSEMBLY COMPRISING SUCH A SYSTEM

Title (de)

BELÜFTUNGSSYSTEM FÜR FLUGZEUGRAD UND RADANORDNUNG MIT SOLCH EINEM SYSTEM

Title (fr)

SYSTÈME DE VENTILATION POUR ROUE D'AÉRONEF ET ENSEMBLE DE ROUE COMPORTANT UN TEL SYSTÈME

Publication

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Application

EP 21749673 A 20210712

Priority

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Abstract (en)

[origin: WO2022018351A1] One aspect of the invention relates to a ventilation system (100) intended to be mounted in an aircraft wheel along a central axis (XX), and comprising a rotor (140) that is provided with a plurality of blades (143) and is accommodated between a shroud support (150) and a protective grille (120), the shroud support (150) comprising a structural element (160) that is arranged next to an aeraulic element (170), the structural element (160) being metallic and designed to nest in the wheel and support the rotor (140), the aeraulic element (170) being made of plastic or resin and designed to direct a flow of air toward the rotor (140). Another aspect of the invention relates to an aircraft wheel assembly equipped with a ventilation system of this kind.

IPC 8 full level

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