

Title (en)
COOLING SYSTEM FOR AN AIRCRAFT, AIRCRAFT HAVING A COOLING SYSTEM, AND METHOD FOR COOLING AN ELECTRICAL DRIVE SYSTEM OF AN AIRCRAFT

Title (de)
KÜHLSYSTEM FÜR EIN FLUGGERÄT, FLUGGERÄT MIT EINEM KÜHLSYSTEM UND VERFAHREN ZUM KÜHLEN EINES ELEKTRISCHEN ANTRIEBSSYSTEMS EINES FLUGGERÄTS

Title (fr)
SYSTÈME DE REFROIDISSEMENT POUR AÉRONEF, AÉRONEF DOTÉ D'UN SYSTÈME DE REFROIDISSEMENT, ET PROCÉDÉ DE REFROIDISSEMENT D'UN SYSTÈME D'ENTRAÎNEMENT ÉLECTRIQUE D'UN AÉRONEF

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Abstract (en)
[origin: WO2022127977A1] The invention relates to a cooling system (10) for an aircraft, in particular for cooling at least one element of an electrical drive system (24) of the aircraft, wherein the cooling system (10) is arranged at least in part inside a wing (12) of the aircraft and comprises at least two heat exchangers (16, 42) which are connected via at least one cooling circuit (11), wherein the first heat exchanger (16) is operatively connected to the at least one element to be cooled of the electrical drive system (24), and the second heat exchanger (42) is arranged inside at least one wing (12) and is operatively connected to an upper and/or lower wing shell (46, 48) of the wing (12). The invention also relates to a method for cooling at least one element of an electrical drive system (24) of an aircraft.

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