

Title (en)

SYSTEM FOR COOLING A FUEL CELL AND FUEL CELL EQUIPPED WITH SUCH A SYSTEM

Title (de)

SYSTEM ZUR KÜHLUNG EINER BRENNSTOFFZELLE UND BRENNSTOFFZELLE MIT EINEM SOLCHEN SYSTEM

Title (fr)

SYSTÈME DE REFROIDISSEMENT D'UNE PILE À COMBUSTIBLE ET PILE À COMBUSTIBLE ÉQUIPÉE D'UN TEL SYSTÈME

Publication

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Application

EP 21731880 A 20210610

Priority

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Abstract (en)

[origin: WO2021250213A1] The invention relates to a system for cooling a fuel cell (10) of a transport vehicle, such as an aircraft, comprising a cooling heat exchanger (30) configured to be able to exchange heat between a loop (20) for cooling the cell and a channel for circulating dynamic air; a device (22, 23) for recovering water produced by the fuel cell; a tank (25) for storing recovered water; a device (50) for spraying water into the dynamic air channel (40) upstream of the heat exchanger (30); a computer (28) for controlling the amount of sprayed water as a function of a measurement representing the temperature of the fuel cell (10).

IPC 8 full level

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Citation (search report)

See references of WO 2021250213A1

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DOCDB simple family (application)

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