

Title (en)

COOLANT CIRCUIT FOR A FUEL CELL SYSTEM, AND METHOD FOR FLUIDICALLY COUPLING AN ION EXCHANGE MODULE TO A COMPONENT OF A COOLANT CIRCUIT

Title (de)

KÜHLMITTELKREIS FÜR EIN BRENNSTOFFZELLENSYSTEM UND VERFAHREN ZUM FLUIDISCHEN KOPPELN EINES IONENAUSTAUSCHERMODULS MIT EINER KOMPONENTE EINES KÜHLMITTELKREISES

Title (fr)

CIRCUIT RÉFRIGÉRANT POUR UN SYSTÈME DE CELLULES DE COMBUSTIBLE ET PROCÉDÉ POUR L'ACCOUPLEMENT FLUIDIQUE D'UN MODULE D'ÉCHANGEUR D'IONS DOTÉ D'UN COMPOSANT D'UN CIRCUIT RÉFRIGÉRANT

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Application

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Priority

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Abstract (en)

[origin: WO2012062431A1] The invention relates to a coolant circuit (1) for a fuel cell system, in particular of a vehicle, comprising an ion exchange module (3) that is fluidically coupled to a coolant circuit (1) component (2) through which coolant flows during the cooling process. The ion exchange module (3) is fixed to an outer wall (5) of the component (2). Preferably, the connecting elements (6) are simultaneously used for the fluidic coupling of the ion exchange module (3) to the component (2). The invention further relates to a method for fluidically coupling an ion exchange module (3) to a component (2) of a coolant circuit (1).

IPC 8 full level

H01M 8/04 (2006.01)

CPC (source: EP US)

H01M 8/04044 (2013.01 - EP US); **Y02E 60/50** (2013.01 - EP)

Citation (search report)

See references of WO 2012062431A1

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- JP 2008108483 A 20080508 - TOYOTA MOTOR CORP
- JP 2010067369 A 20100325 - TOYOTA MOTOR CORP

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