

Title (en)

LIQUID ELECTROLYTE BATTERY HEATING DEVICE COMPRISING A MIXING DEVICE

Title (de)

FLÜSSIGELEKTROLYTBATTERIEHEIZUNGSANORDNUNG MIT DURCHMISCHUNGSVORRICHTUNG

Title (fr)

DISPOSITIF DE CHAUFFAGE DE BATTERIE À ÉLECTROLYTE LIQUIDE COMPRENANT UN DISPOSITIF DE MÉLANGE

Publication

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Application

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Priority

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- DE 102006021584 A 20060509

Abstract (en)

[origin: WO2007128297A1] The invention relates to a liquid electrolyte battery heating device comprising a mixing device. A heating element (4) is arranged on the end on the base of the battery housing (1d) and extends in such a manner that the heatable area of the housing base (1d) runs over all of the electrode plates (2). A heat protection plate (5) is arranged above the heating element between the housing base (1d) and the lower edge (2a) of the electrodes (2). Between the perpendicular housing wall below which the heating element is arranged, and the lateral edge of the electrodes (2), a first flow channel plate (6) is arranged, the upper edge thereof (8) being arranged an outlet plate (8). The invention also relates to a dynamic mixing device having the following characteristics; a second flow channel plate (9), whose upper area is embodied as a funnel (11), is arranged on the housing wall below which the heating element is not arranged and the vertical electrode edges. A conductive plate (12) which extends between the housing base (1d) and the lower edges of the electrode (2a) is arranged on the lower edge of the second flow channel plate (9).

IPC 8 full level

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Citation (search report)

See references of WO 2007128297A1

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