

Title (en)
POROUS MOLDED PART FOR ELECTROCHEMICAL MODULE

Title (de)
PORÖSES FORMTEIL FÜR ELEKTROCHEMISCHES MODUL

Title (fr)
PIÈCE MOULÉE POREUSE DESTINÉE À UN MODULE ÉLECTROCHIMIQUE

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Application
EP 18714949 A 20180222

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Abstract (en)
[origin: WO2018165682A1] The invention relates to a porous molded part (10, 10'; 10") for an electrochemical module (20). The electrochemical module (20) has at least one electrochemical cell unit (21) having a layer structure (23) with at least one electrochemically active layer, and a metallic, gas-tight housing (24; 25), which forms a gas-tight process gas chamber (26) together with the electrochemical cell unit. The housing (24; 25) extends on at least one side beyond the range of the electrochemical cell unit (21), forming a process gas conducting chamber (27) open to the electrochemical cell unit and has, in the region of the process gas conducting chamber (27), at least one gas passage opening (28) for supplying and/or discharging the process gas. The molded part (10, 10'; 10") according to the invention is designed as a separate component from the electrochemical cell unit (21) and modified for arrangement within the process gas conducting chamber (27) and for supporting the housing to both sides along a stacking direction (B) of the electrochemical module.

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Citation (search report)
See references of WO 2018165682A1

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