

Title (en)

ION EXCHANGER FILLINGS THROUGH WHICH FLOW CAN OCCUR FOR ELECTROLYTE SPLITTING IN CO₂ ELECTROLYSIS FOR BETTER SPATIAL DISTRIBUTION OF GASSING

Title (de)

DURCHSTRÖMBARE ANIONENTAUSSCHER-FÜLLUNGEN FÜR ELEKTROLYTSPALTE IN DER CO₂-ELEKTROLYSE ZUR BESSEREN RÄUMLICHEN VERTEILUNG DER GASENTWICKLUNG

Title (fr)

CHARGES D'ÉCHANGEURS D'ANIONS POUVANT ÊTRE TRAVERSÉES POUR UNE FENTE D'ÉLECTROLYTE DANS L'ÉLECTROLYSE DE CO₂ POUR UNE MEILLEURE RÉPARTITION SPATIALE DU DÉGAGEMENT GAZEUX

Publication

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Application

EP 18810945 A 20181119

Priority

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- EP 2018081741 W 20181119

Abstract (en)

[origin: WO2019120812A1] The invention relates to an electrolysis cell having a multi-chamber structure, wherein an anion exchanger comprising a first ion exchanger membrane connects to a cathode chamber, wherein a salt bridge chamber connects to said first ion exchanger membrane, said salt bridge chamber comprising a fixed anion exchanger. The invention further relates to an electrolysis system having such an electrolysis cell and to a method for electrolysis of CO₂ using such an electrolysis cell or electrolysis system.

IPC 8 full level

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CPC (source: EP US)

C25B 1/00 (2013.01 - EP US); **C25B 3/25** (2021.01 - EP); **C25B 3/26** (2021.01 - US); **C25B 9/19** (2021.01 - EP); **C25B 9/23** (2021.01 - US); **C25B 13/02** (2013.01 - EP)

Citation (search report)

See references of WO 2019120812A1

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