

Title (en)

ELECTROCHEMICAL CELL WITH SOLID ELECTROLYTE COMPRISING A REFERENCE ELECTRODE

Title (de)

ELEKTROCHEMISCHE ZELLE MIT FESTELEKTROLYT MIT EINER REFERENZELEKTRODE

Title (fr)

CELLULE ÉLECTROCHIMIQUE À ÉLECTROLYTE SOLIDE COMPRENANT UNE ÉLECTRODE DE RÉFÉRENCE

Publication

**EP 4173067 A1 20230503 (FR)**

Application

**EP 21737447 A 20210629**

Priority

- FR 2006836 A 20200630
- EP 2021067909 W 20210629

Abstract (en)

[origin: WO2022002972A1] The invention relates to an electrochemical cell (1), comprising a positive electrode (11) and a negative electrode (12) disposed face to face in the cell body (10), and a stack of electrolytic layers (13, 14, 15) interposed between the positive electrode (11) and the negative electrode (12). The stack of electrolytic layers (13, 14, 15) comprises a first solid electrolyte layer (13) disposed at one end of the positive electrode (11), a second solid electrolyte layer (14) disposed at one end of the negative electrode (12), a layer of composite powder (15) interposed between the first (13) and the second layer (14), the layer of composite powder (15) comprising an electrolyte powder and a powder of electroactive material functioning as a reference electrode of the electrochemical cell.

IPC 8 full level

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Citation (search report)

See references of WO 2022002972A1

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