

Title (en)
POUCH CELL ASSEMBLY

Title (de)
POUCHZELLENANORDNUNG

Title (fr)
ENSEMBLE CELLULE EN SACHET SOUPLE

Publication
EP 4122039 A1 20230125 (DE)

Application
EP 21709014 A 20210305

Priority
• EP 20164192 A 20200319
• EP 2021055549 W 20210305

Abstract (en)
[origin: WO2021185596A1] A pouch cell assembly comprising at least one pouch cell, the pouch cell assembly having a pressure-sensitive sensor sheet, in particular a pressure-sensitive conductive sheet, which surrounds or delimits at least part of the pouch cell such that a swelling of the pouch cell causes compression of the sensor sheet, and thereby a change in the electrical resistance of the sensor sheet.

IPC 8 full level
G01L 1/20 (2006.01); **H01M 10/48** (2006.01); **H01M 50/572** (2006.01); **H01M 50/578** (2006.01)

CPC (source: EP US)
G01L 1/205 (2013.01 - EP); **H01M 10/48** (2013.01 - EP); **H01M 10/482** (2013.01 - EP); **H01M 50/105** (2021.01 - US); **H01M 50/211** (2021.01 - US); **H01M 50/572** (2021.01 - EP); **H01M 50/578** (2021.01 - EP US); **H01M 2200/20** (2013.01 - EP); **Y02E 60/10** (2013.01 - EP)

Citation (search report)
See references of WO 2021185596A1

Designated contracting state (EPC)
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)
BA ME

Designated validation state (EPC)
KH MA MD TN

DOCDB simple family (publication)
EP 3883040 A1 20210922; CN 115136383 A 20220930; EP 4122039 A1 20230125; US 2023146021 A1 20230511;
WO 2021185596 A1 20210923

DOCDB simple family (application)
EP 20164192 A 20200319; CN 202180015596 A 20210305; EP 2021055549 W 20210305; EP 21709014 A 20210305;
US 202117802293 A 20210305