

Title (en)
CELL UNIT

Title (de)
ZELLENEINHEIT

Title (fr)
UNITÉ DE CELLULE

Publication
EP 4082059 A1 20221102 (DE)

Application
EP 20812004 A 20201123

Priority
• DE 102019220527 A 20191223
• EP 2020083012 W 20201123

Abstract (en)
[origin: WO2021129990A1] The invention relates to a fuel cell unit (1) in the form of a fuel cell stack (1) for electrochemically generating electrical energy, comprising fuel cells arranged on top of one another, a monitoring unit (37) in the form of a computer unit for monitoring at least one parameter of the fuel cells, at least one data transmission device (38) for transmitting data relating to the at least one parameter from the fuel cells to the monitoring unit (37), wherein the fuel cell unit (1) comprises multiple additional monitoring units (42), in the form of computer units, for monitoring at least one parameter of the fuel cells, and at least one data transmission device (38) for transmitting data relating to the at least one parameter from the fuel cells to the additional monitoring units (42).

IPC 8 full level
H01M 8/04537 (2016.01)

CPC (source: EP)
H01M 8/04537 (2013.01); **Y02E 60/50** (2013.01)

Citation (search report)
See references of WO 2021129990A1

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)
DE 102019220527 A1 20210624; EP 4082059 A1 20221102; WO 2021129990 A1 20210701

DOCDB simple family (application)
DE 102019220527 A 20191223; EP 2020083012 W 20201123; EP 20812004 A 20201123