

Title (en)
FUEL CELL SYSTEM

Title (de)
BRENNSTOFFZELLENSYSTEM

Title (fr)
SYSTÈME DE PILE À COMBUSTIBLE

Publication
EP 3776706 A1 20210217 (DE)

Application
EP 19718267 A 20190405

Priority
• DE 102018205288 A 20180409
• EP 2019058582 W 20190405

Abstract (en)
[origin: WO2019197278A1] The invention relates to a fuel cell system (1) comprising a fuel cell (2), an air supply line (3) for supplying ambient air into the fuel cell (2), and an exhaust air line (4) for discharging the reacted ambient air from the fuel cell (2). A compressor (5) is arranged in the air supply line (3). At least one further consumer (21, 22, 23) of ambient air is arranged parallel to the fuel cell (2) downstream of the compressor (5).

IPC 8 full level
H01M 8/04089 (2016.01); **H01M 8/04014** (2016.01); **H01M 8/04111** (2016.01)

CPC (source: EP)
H01M 8/04014 (2013.01); **H01M 8/04089** (2013.01); **H01M 8/04111** (2013.01); **H01M 8/04253** (2013.01); **H01M 10/6563** (2015.04); **H01M 10/66** (2015.04); **H01M 16/006** (2013.01); **H01M 2250/20** (2013.01); **Y02E 60/10** (2013.01); **Y02T 10/70** (2013.01)

Citation (search report)
See references of WO 2019197278A1

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

DOCDB simple family (publication)
DE 102018205288 A1 20191010; CN 111937202 A 20201113; EP 3776706 A1 20210217; JP 2021517723 A 20210726; JP 7122387 B2 20220819; WO 2019197278 A1 20191017

DOCDB simple family (application)
DE 102018205288 A 20180409; CN 201980024562 A 20190405; EP 19718267 A 20190405; EP 2019058582 W 20190405; JP 2020553582 A 20190405