

Title (en)
USE OF A CARBONACEOUS COATING FOR PROTECTING A PASSIVE ELECTRIC COMPONENT FROM ATTACK BY AMMONIA AND SYSTEM COMPRISING A PASSIVE ELECTRICAL COMPONENT, WHICH IS PROTECTED AGAINST ATTACK BY AMMONIA

Title (de)
VERWENDUNG EINER KOHLENSTOFFHALTIGEN BESCHICHTUNG ZUM SCHUTZ EINES PASSIVEN ELEKTRISCHEN BAUTEILS VOR ANGRIFF DURCH AMMONIAK UND ANLAGE, UMFASSEND EIN PASSIVES ELEKTRISCHES BAUTEIL, DAS GEGEN ANGRIFF VON AMMONIAK GESCHÜTZT IST

Title (fr)
UTILISATION D'UN REVÊTEMENT CONTENANT DU CARBONE POUR PROTÉGER UN COMPOSANT ÉLECTRIQUE PASSIF DES ATTAQUES D'AMMONIAC ET INSTALLATION, COMPRENANT UN COMPOSANT ÉLECTRIQUE PASSIF QUI EST PROTÉGÉ CONTRE LES ATTAQUES D'AMMONIAC

Publication
EP 3701063 A1 20200902 (DE)

Application
EP 18793397 A 20181023

Priority

- DE 102017124692 A 20171023
- DE 102018102416 A 20180202
- EP 2018079046 W 20181023

Abstract (en)
[origin: WO2019081514A1] The invention relates to the use of a carbonaceous coating for protecting a passive electrical component from attack by ammonia, wherein the carbonaceous coating is a sol-gel coating or a plasma polymer coating. Said coating comprises a specific carbon fraction.

IPC 8 full level
C23C 16/26 (2006.01); **C23C 28/04** (2006.01); **H01F 5/06** (2006.01); **H01F 41/12** (2006.01)

CPC (source: EP KR US)
C23C 16/00 (2013.01 - US); **C23C 16/0272** (2013.01 - KR US); **C23C 16/22** (2013.01 - US); **C23C 16/26** (2013.01 - EP KR US); **C23C 16/505** (2013.01 - KR); **C23C 28/00** (2013.01 - US); **C23C 28/04** (2013.01 - EP KR); **C23C 28/046** (2013.01 - EP KR US); **H01F 5/06** (2013.01 - EP); **H01F 41/12** (2013.01 - EP); **B05D 1/62** (2013.01 - KR); **B05D 2350/63** (2013.01 - EP KR); **F25B 9/002** (2013.01 - KR); **F28F 19/02** (2013.01 - KR); **H01F 5/06** (2013.01 - KR); **H01F 41/12** (2013.01 - KR); **Y10T 428/31663** (2015.04 - US)

Citation (search report)
See references of WO 2019081514A1

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 102018102416 A1 20190425; BR 112020007855 A2 20201201; CN 111448337 A 20200724; CN 111448337 B 20220909; EP 3701063 A1 20200902; JP 2021500477 A 20210107; KR 20200081418 A 20200707; US 11702735 B2 20230718; US 2020340105 A1 20201029; WO 2019081514 A1 20190502

DOCDB simple family (application)
DE 102018102416 A 20180202; BR 112020007855 A 20181023; CN 201880079223 A 20181023; EP 18793397 A 20181023; EP 2018079046 W 20181023; JP 2020523015 A 20181023; KR 20207014882 A 20181023; US 201816758329 A 20181023