

Title (en)

NEW ABLATIVE COMPOSITE MATERIAL

Title (de)

NEUER ABLATIVER VERBUNDSTOFF

Title (fr)

NOUVEAU MATERIAU COMPOSITE ABLATIF

Publication

EP 3994205 A1 20220511 (FR)

Application

EP 20735592 A 20200702

Priority

- FR 1907377 A 20190703
- EP 2020068686 W 20200702

Abstract (en)

[origin: WO2021001484A1] The invention relates to an ablative composite material comprising a matrix and a reinforcement, characterized in that: the matrix is a phenolic resin or an epoxy resin, and the reinforcement is formed from short carbon fibers having a length of 0.5 mm to 20 mm and a diameter of 6 µm to 20 µm.

IPC 8 full level

C08K 3/04 (2006.01); **C08K 7/06** (2006.01); **F16L 59/04** (2006.01); **F41F 3/04** (2006.01)

CPC (source: EP KR US)

C08J 5/042 (2013.01 - US); **C08K 3/04** (2013.01 - EP KR US); **C08K 7/06** (2013.01 - EP KR); **C08L 61/06** (2013.01 - KR);
C08L 63/00 (2013.01 - KR); **F16L 59/04** (2013.01 - EP KR); **F41H 5/02** (2013.01 - KR); **F41H 5/24** (2013.01 - EP KR);
C08J 2363/00 (2013.01 - US); **C08K 2201/003** (2013.01 - EP KR US); **C08K 2201/004** (2013.01 - EP KR US); **F41H 5/02** (2013.01 - EP)

Citation (search report)

See references of WO 2021001484A1

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)

FR 3098220 A1 20210108; FR 3098220 B1 20220617; EP 3994205 A1 20220511; KR 20220033487 A 20220316; US 2022315729 A1 20221006;
WO 2021001484 A1 20210107

DOCDB simple family (application)

FR 1907377 A 20190703; EP 2020068686 W 20200702; EP 20735592 A 20200702; KR 20227002159 A 20200702;
US 202017597298 A 20200702