

Title (en)

COMPOSITE SHEET MADE FROM FABRIC AND POLYETHERIMIDE WITH CONTROLLED POROSITY

Title (de)

AUS STOFF UND POLYETHERIMID MIT KONTROLLIERTER POROSITÄT HERGESTELLTE VERBUNDFOLIE

Title (fr)

FEUILLE COMPOSITE À BASE DE TISSU ET DE POLYÉTHÉRIMIDE À POROSITÉ CONTRÔLÉE

Publication

EP 3481629 A1 20190515 (FR)

Application

EP 17735144 A 20170705

Priority

- FR 1656394 A 20160705
- EP 2017066811 W 20170705

Abstract (en)

[origin: WO2018007460A1] A composite sheet comprising at least a textile structure and a polyetherimide (PEI), the latter impregnating and densifying the textile structure, the sheet having a porosity of between approximately 3% and approximately 8% by mass of acetone sorption, and preferably between approximately 4% and approximately 5%, as measured by the acetone uptake method. The manufacturing method comprises continuous or semi-continuous moulding. This sheet can be used as a skin of a foamed structure made from PEI.

IPC 8 full level

B32B 5/02 (2006.01)

CPC (source: EP US)

B32B 5/024 (2013.01 - EP US); **B32B 5/26** (2013.01 - EP US); **B32B 38/08** (2013.01 - US); **C08J 5/04** (2013.01 - EP US); **C08J 5/043** (2013.01 - EP US); **B32B 2260/021** (2013.01 - EP US); **B32B 2260/046** (2013.01 - EP US); **B32B 2305/188** (2013.01 - US); **B32B 2307/718** (2013.01 - EP US); **B32B 2307/7265** (2013.01 - EP US); **B32B 2309/02** (2013.01 - US); **B32B 2309/12** (2013.01 - US); **B32B 2605/00** (2013.01 - EP US); **B32B 2607/00** (2013.01 - US); **C08J 2379/08** (2013.01 - EP US)

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)

WO 2018007460 A1 20180111; CA 3029649 A1 20180111; CA 3029649 C 20240521; CN 109715383 A 20190503; CN 109715383 B 20220215; EP 3481629 A1 20190515; FR 3053627 A1 20180112; FR 3053627 B1 20210730; JP 2019524925 A 20190905; JP 7021178 B2 20220216; US 11072146 B2 20210727; US 2019160781 A1 20190530

DOCDB simple family (application)

EP 2017066811 W 20170705; CA 3029649 A 20170705; CN 201780042022 A 20170705; EP 17735144 A 20170705; FR 1656394 A 20160705; JP 2019500286 A 20170705; US 201716313427 A 20170705