

Title (en)  
FLAME RETARDANT INSULATION FOR INTERNAL COMBUSTION ENGINES

Title (de)  
FLAMMGESCHÜTZTE ISOLIERUNG FÜR VERBRENNUNGSMOTOREN

Title (fr)  
ISOLATION ANTI-FLAMME POUR MOTEURS À COMBUSTION INTERNE

Publication  
**EP 3649334 A1 20200513 (DE)**

Application  
**EP 18736877 A 20180702**

Priority  
• EP 17180191 A 20170707  
• EP 18179609 A 20180625  
• EP 2018067788 W 20180702

Abstract (en)  
[origin: WO2019007896A1] The invention relates to a process for producing polyurethane foam for thermal and acoustic insulation of engines, wherein the polyurethane foam is obtained or obtainable by reaction of di- and/or polyisocyanates with filler-containing polyols, wherein the filler is preferably a reaction product of di- and/or polyisocyanates with compounds comprising isocyanate-reactive hydrogen atoms, in the presence of water and/or physical blowing agents. The invention further relates to the use of the polyurethane foam for thermal and acoustic insulation of internal combustion engines and to a thermal and acoustic insulation for internal combustion engines containing the polyurethane foam.

IPC 8 full level  
**C08G 18/08** (2006.01); **C08G 18/18** (2006.01); **C08G 18/32** (2006.01); **C08G 18/40** (2006.01); **C08G 18/48** (2006.01); **C08G 18/76** (2006.01); **F02B 77/11** (2006.01); **C08G 101/00** (2006.01)

CPC (source: EP US)  
**C08G 18/1841** (2013.01 - EP); **C08G 18/2081** (2013.01 - EP); **C08G 18/3278** (2013.01 - EP); **C08G 18/409** (2013.01 - EP US); **C08G 18/4816** (2013.01 - EP US); **C08G 18/4837** (2013.01 - EP); **C08G 18/4845** (2013.01 - US); **C08G 18/6688** (2013.01 - EP); **C08G 18/7664** (2013.01 - EP US); **F02B 77/11** (2013.01 - EP); **F02B 77/13** (2013.01 - US); **C08G 2110/0025** (2021.01 - EP); **C08G 2110/0058** (2021.01 - US); **C08G 2110/0066** (2021.01 - EP US); **C08G 2110/0083** (2021.01 - EP US); **C08G 2350/00** (2013.01 - EP)

Citation (search report)  
See references of WO 2019007896A1

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 2019007896 A1 20190110**; CN 110809666 A 20200218; EP 3649334 A1 20200513; JP 2020526613 A 20200831; US 2020173359 A1 20200604

DOCDB simple family (application)  
**EP 2018067788 W 20180702**; CN 201880045536 A 20180702; EP 18736877 A 20180702; JP 2020500075 A 20180702; US 201816628362 A 20180702