

Title (en)  
COMPOSITION FOR FORMING POLYISOCYANURATE FOAM, POLYISOCYANURATE FOAM, AND THERMAL INSULATING MATERIAL

Title (de)  
ZUSAMMENSETZUNG ZUR HERSTELLUNG VON POLYISOCYANURATSCHAUM, POLYISOCYANURATSCHAUM UND WÄRMEDÄMMENDES MATERIAL

Title (fr)  
COMPOSITION POUR FORMER UNE MOUSSE DE POLYISOCYANURATE, MOUSSE DE POLYISOCYANURATE ET MATÉRIAU ISOLANT THERMIQUE

Publication  
**EP 4229119 A1 20230823 (EN)**

Application  
**EP 21786978 A 20211008**

Priority  
• JP 2020172551 A 20201013  
• EP 20213890 A 20201214  
• EP 2021077854 W 20211008

Abstract (en)  
[origin: WO2022078899A1] Provided is a composition for forming a polyisocyanurate foam having excellent surface quality of a formed article, particularly, a polyisocyanurate foam having excellent smoothness. The invention is a composition for forming a polyisocyanurate foam, the composition comprising: a polymer having a hydroxy group; a polyisocyanate; and a foaming agent, in which the foaming agent comprises a hydrofluoroolefin; the polymer having a hydroxy group contains a polyester alcohol, and a polyether polyol having a hydroxyl value of 350 to 700 mgKOH/g and obtained by adding propylene oxide to a trifunctional polyol as a starting substance; the amount of the polyester alcohol is 15 parts by mass or more relative to 100 parts by mass of the composition; and the amount of the polyether polyol is 0.2 to 5 parts by mass relative to 100 parts by mass of the composition.

IPC 8 full level  
**C08J 9/14** (2006.01); **B32B 15/04** (2006.01); **B32B 15/20** (2006.01); **C08G 18/09** (2006.01); **C08G 18/40** (2006.01); **C08G 18/42** (2006.01); **C08G 18/48** (2006.01); **C08G 18/50** (2006.01); **C08G 18/76** (2006.01)

CPC (source: EP)  
**B32B 5/18** (2013.01); **B32B 15/046** (2013.01); **B32B 15/20** (2013.01); **C08G 18/092** (2013.01); **C08G 18/4018** (2013.01); **C08G 18/4213** (2013.01); **C08G 18/4829** (2013.01); **C08G 18/5033** (2013.01); **C08G 18/7664** (2013.01); **C08J 9/146** (2013.01); **F16L 59/028** (2013.01); **B32B 2266/0264** (2013.01); **B32B 2266/0278** (2013.01); **B32B 2307/304** (2013.01); **B32B 2307/3065** (2013.01); **C08G 2110/0025** (2021.01); **C08G 2110/0033** (2021.01); **C08G 2115/02** (2021.01); **C08J 2203/162** (2013.01); **C08J 2375/04** (2013.01)

Citation (search report)  
See references of WO 2022078899A1

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

Designated validation state (EPC)  
KH MA MD TN

DOCDB simple family (publication)  
**WO 2022078899 A1 20220421**; EP 4229119 A1 20230823; JP 2023551761 A 20231213

DOCDB simple family (application)  
**EP 2021077854 W 20211008**; EP 21786978 A 20211008; JP 2023522460 A 20211008