

Title (en)

POLYURETHANE RESIN COMPOSITION AND POLYURETHANE RESIN MOLDED PRODUCT

Title (de)

POLYURETHANHARZZUSAMMENSETZUNG UND POLYURETHANHARZFORMPRODUKT

Title (fr)

COMPOSITION DE RÉSINE DE POLYURÉTHANE ET PRODUIT MOULÉ EN RÉSINE DE POLYURÉTHANE

Publication

EP 4081566 A1 20221102 (EN)

Application

EP 20830163 A 20201217

Priority

- JP 2019232568 A 20191224
- EP 20161049 A 20200304
- EP 2020086604 W 20201217

Abstract (en)

[origin: WO2021130091A1] To provide a composition capable of forming a polyurethane foam having excellent filling properties, surface properties, and strength. A polyurethane resin composition containing a polyol component and a polyisocyanate component, in which the polyurethane resin composition contains a compound (A) as the polyol component or a component other than the polyol component, the compound (A) has a molecular weight of 220 or less, has two or more reactive groups capable of reacting with an isocyanate in one molecule, and has one reactive group with a reaction activity with an isocyanate group that is higher than the reaction activity with an isocyanate group of the other reactive groups of compound (A), and the ratio of the hydroxyl value of the compound (A) to the hydroxyl value of the polyol component is 1.2 or more, provided that when the compound (A) falls under the polyol component, the phrase "the hydroxyl value of the polyol component" refers to the hydroxyl value of the polyol component other than the compound (A).

IPC 8 full level

C08G 18/16 (2006.01); **C08G 18/18** (2006.01); **C08G 18/22** (2006.01); **C08G 18/32** (2006.01); **C08G 18/38** (2006.01); **C08G 18/40** (2006.01); **C08G 18/42** (2006.01); **C08G 18/48** (2006.01); **C08G 18/66** (2006.01); **C08G 18/76** (2006.01); **C08J 9/00** (2006.01); **C08J 9/12** (2006.01); **C08J 9/14** (2006.01); **C08K 5/00** (2006.01); **C08G 101/00** (2006.01)

CPC (source: EP)

C08G 18/161 (2013.01); **C08G 18/163** (2013.01); **C08G 18/168** (2013.01); **C08G 18/1808** (2013.01); **C08G 18/1816** (2013.01); **C08G 18/225** (2013.01); **C08G 18/3206** (2013.01); **C08G 18/3825** (2013.01); **C08G 18/4018** (2013.01); **C08G 18/4202** (2013.01); **C08G 18/4816** (2013.01); **C08G 18/4829** (2013.01); **C08G 18/664** (2013.01); **C08G 18/6674** (2013.01); **C08G 18/7664** (2013.01); **C08J 9/141** (2013.01); **C08J 9/144** (2013.01); **C08K 5/521** (2013.01); **C08G 2110/005** (2021.01); **C08J 2203/14** (2013.01); **C08J 2203/162** (2013.01); **C08J 2375/04** (2013.01)

Citation (search report)

See references of WO 2021130091A1

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 2021130091 A1 20210701; EP 4081566 A1 20221102

DOCDB simple family (application)

EP 2020086604 W 20201217; EP 20830163 A 20201217