

Title (en)

URETHANE COMPOUNDS FOR FINISHING TEXTILE SHEET MATERIALS IN A FLUORINE-FREE MANNER

Title (de)

URETHANVERBINDUNGEN ZUR FLUORFREIEN AUSRÜSTUNG VON TEXTILEN FLÄCHENGEBILDEN

Title (fr)

COMPOSÉS D'URÉTHANE POUR LA FINITION DE MATÉRIAUX EN FEUILLE TEXTILE D'UNE MANIÈRE SANS FLUOR

Publication

EP 4355805 A1 20240424 (DE)

Application

EP 22733032 A 20220609

Priority

- EP 21179942 A 20210617
- EP 2022065625 W 20220609

Abstract (en)

[origin: WO2022263264A1] The invention relates to a urethane compound containing at least one structural unit (A), said structural unit (A) being a polyglycerin structural unit with at least three groups R1, each of which is selected independently of one another from C3-C39 hydrocarbon groups that optionally contain heteroatoms other than fluorine atoms; to a method for producing one or more of the aforementioned urethane compounds; to compositions which contain one or more of the aforementioned urethane compounds; to a method for impregnating textile sheet materials so as to be water- and/or oil-repellant using one or more of the aforementioned urethane compounds; and to textile sheet materials which can be obtained according to the aforementioned method.

IPC 8 full level

C08G 18/67 (2006.01); **C08G 18/10** (2006.01); **C08G 18/36** (2006.01); **C08G 18/48** (2006.01); **C08G 18/61** (2006.01); **C08G 18/69** (2006.01); **C08G 18/79** (2006.01); **C08G 18/80** (2006.01); **C08G 65/48** (2006.01); **D06M 15/568** (2006.01)

CPC (source: EP KR)

C08G 18/10 (2013.01 - EP KR); **C08G 18/36** (2013.01 - EP KR); **C08G 18/48** (2013.01 - EP KR); **C08G 18/4825** (2013.01 - EP KR); **C08G 18/61** (2013.01 - EP KR); **C08G 18/675** (2013.01 - EP KR); **C08G 18/69** (2013.01 - EP KR); **C08G 18/792** (2013.01 - EP KR); **C08G 18/8067** (2013.01 - EP); **C08G 18/8074** (2013.01 - EP); **D06M 15/568** (2013.01 - EP KR); **D06M 15/572** (2013.01 - EP KR); **D06M 15/6436** (2013.01 - EP KR); **D06M 2200/11** (2013.01 - EP KR); **D06M 2200/12** (2013.01 - EP KR)

C-Set (source: EP)

1. **C08G 18/10 + C08G 18/48**
2. **C08G 18/10 + C08G 18/61**

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 2022263264 A1 20221222; BR 112023026503 A2 20240305; CN 117500858 A 20240202; EP 4355805 A1 20240424; KR 20240022573 A 20240220; MX 2023014868 A 20240116; TW 202305024 A 20230201; TW I817556 B 20231001

DOCDB simple family (application)

EP 2022065625 W 20220609; BR 112023026503 A 20220609; CN 202280042773 A 20220609; EP 22733032 A 20220609; KR 20247001333 A 20220609; MX 2023014868 A 20220609; TW 111121989 A 20220614