

Title (en)

NON-IONIC HYDROPHILIZED POLYISOCYANATES HAVING A VERY LOW MONOMER CONTENT

Title (de)

NICHTIONISCH HYDROPHILIERTER POLYISOCYANAT MIT SEHR NIEDRIGEM MONOMERGEHALT

Title (fr)

POLYISOCYANATES HYDROPHILISÉS NON IONIQUES À TRÈS FAIBLE TENEUR EN MONOMÈRES

Publication

EP 4263649 A1 20231025 (DE)

Application

EP 21836173 A 20211215

Priority

- EP 20214008 A 20201215
- EP 2021085844 W 20211215

Abstract (en)

[origin: WO2022129140A1] The invention relates to a process for producing hydrophilically modified polyisocyanates having a very low content in monomeric diisocyanates, the polyisocyanates obtainable or obtained according to the process and the use thereof for producing polyurethane plastics. The invention further relates to coating agents that contain the non-ionic hydrophilically modified polyisocyanates and to the substrates coated with said coating agents.

IPC 8 full level

C08G 18/02 (2006.01); **C08G 18/10** (2006.01); **C08G 18/28** (2006.01); **C08G 18/70** (2006.01); **C08G 18/73** (2006.01); **C08G 18/78** (2006.01); **C08G 18/79** (2006.01); **C09D 175/04** (2006.01)

CPC (source: EP US)

C08G 18/022 (2013.01 - EP); **C08G 18/027** (2013.01 - EP US); **C08G 18/10** (2013.01 - EP US); **C08G 18/283** (2013.01 - EP US); **C08G 18/706** (2013.01 - EP); **C08G 18/73** (2013.01 - EP US); **C08G 18/7837** (2013.01 - EP US); **C08G 18/792** (2013.01 - EP US); **C08G 18/797** (2013.01 - EP US); **C08G 18/798** (2013.01 - EP US); **C09D 175/04** (2013.01 - EP US); **C08G 2150/00** (2013.01 - US)

Citation (search report)

See references of WO 2022129140A1

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)

EP 4015546 A1 20220622; CN 116568720 A 20230808; EP 4263649 A1 20231025; US 2024010784 A1 20240111; WO 2022129140 A1 20220623

DOCDB simple family (application)

EP 20214008 A 20201215; CN 202180084200 A 20211215; EP 2021085844 W 20211215; EP 21836173 A 20211215; US 202118267164 A 20211215