

Title (en)

POLYURETHANE, ROLLER COVER AND PRODUCTION METHOD

Title (de)

POLYURETHAN, WALZENBEZUG UND HERSTELLUNGSVERFAHREN

Title (fr)

POLYURÉTHANE, REVÊTEMENT DE ROULEAU ET PROCÉDÉ DE PRODUCTION

Publication

EP 4326797 A1 20240228 (DE)

Application

EP 22708800 A 20220208

Priority

- DE 102021109750 A 20210419
- EP 2022052970 W 20220208

Abstract (en)

[origin: WO2022223162A1] The invention relates to polyurethane for producing roller covers, obtainable by reacting the components a) at least one diisocyanate, b) at least one polycarbonate diol having a molecular weight of between 500 and 3000 and c) an additional diol, the NCO/OH ratio being between 0.9 and 0.99. The invention also relates to the production method. The invention further relates to the roller cover with said polyurethane and to the production method for said roller cover.

IPC 8 full level

C08G 18/86 (2006.01); **C08G 18/10** (2006.01); **C08G 18/44** (2006.01); **C08G 18/67** (2006.01); **C08G 18/87** (2006.01); **D21F 3/00** (2006.01); **F16C 13/00** (2006.01)

CPC (source: EP US)

C08G 18/10 (2013.01 - EP US); **C08G 18/44** (2013.01 - EP US); **C08G 18/675** (2013.01 - EP); **C08G 18/86** (2013.01 - EP); **C08G 18/87** (2013.01 - EP); **C08K 3/04** (2013.01 - US); **C08K 3/36** (2013.01 - US); **D21G 1/0233** (2013.01 - EP); **F16C 13/00** (2013.01 - EP); **C08G 2150/00** (2013.01 - US); **C08G 2261/76** (2013.01 - US); **F16C 2208/12** (2013.01 - EP); **F16C 2223/30** (2013.01 - EP)

C-Set (source: EP)

1. **C08G 18/675** + **C08G 18/86**
2. **C08G 18/675** + **C08G 18/87**

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)

DE 102021109750 A1 20221020; CN 117255819 A 20231219; EP 4326797 A1 20240228; US 2024218106 A1 20240704; WO 2022223162 A1 20221027

DOCDB simple family (application)

DE 102021109750 A 20210419; CN 202280029177 A 20220208; EP 2022052970 W 20220208; EP 22708800 A 20220208; US 202218556147 A 20220208