

Title (en)

PRODUCTION OF HARD POLYURETHANE OR POLYISOCYANURATE FOAM

Title (de)

HERSTELLUNG VON POLYURETHAN- ODER POLYISOCYANURAT-HARTSCHAUMSTOFF

Title (fr)

PRODUCTION DE MOUSSE DURE DE POLYURÉTHANE OU DE POLYISOCYANURATE

Publication

EP 4363480 A1 20240508 (DE)

Application

EP 22733413 A 20220613

Priority

- EP 21183094 A 20210701
- EP 2022065981 W 20220613

Abstract (en)

[origin: WO2023274699A1] The invention relates to the production of a hard PU or PIR foam, comprising bringing at least one organic polyisocyanate having two or more isocyanate functions into contact with an isocyanate-reactive mixture which comprises at least one polyol, water and at least one emulsifier, wherein: the emulsifier comprises at least one alkoxyated aromatic alcohol; the underlying aromatic alcohol comprises at least 6 and at most 40 C atoms and at least one OH function; and a maximum of 1/5 of the C atoms of the underlying aromatic alcohol are not aromatic; and, in the underlying aromatic alcohol, at least one aromatic unit must have an OH function.

IPC 8 full level

C08G 18/28 (2006.01); **C08G 18/30** (2006.01); **C08G 18/48** (2006.01)

CPC (source: EP KR)

C08G 18/283 (2013.01 - EP KR); **C08G 18/2835** (2013.01 - EP KR); **C08G 18/302** (2013.01 - EP); **C08G 18/4829** (2013.01 - EP KR); **C08G 2110/0025** (2021.01 - EP KR); **C08G 2110/005** (2021.01 - EP KR); **C08G 2110/0083** (2021.01 - EP KR)

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 2023274699 A1 20230105; CA 3224475 A1 20230105; CN 117677648 A 20240308; EP 4363480 A1 20240508; KR 20240027765 A 20240304

DOCDB simple family (application)

EP 2022065981 W 20220613; CA 3224475 A 20220613; CN 202280046818 A 20220613; EP 22733413 A 20220613; KR 20247003306 A 20220613