

Title (en)
PRODUCTION OF POLYURETHANE FOAM

Title (de)
HERSTELLUNG VON POLYURETHANSCHAUM

Title (fr)
PRODUCTION DE MOUSSE DE POLYURÉTHANE

Publication
EP 4301800 A1 20240110 (DE)

Application
EP 22707736 A 20220224

Priority
• EP 21160166 A 20210302
• EP 2022054645 W 20220224

Abstract (en)
[origin: WO2022184543A1] The invention relates to a composition for producing rigid PU foam, comprising at least one polyisocyanate component, a blowing agent, a solid flame retardant, optionally a catalyst that catalyzes the formation of a urethane or isocyanurate bond, the composition containing at least one surfactant based on a quarternary ammonium compound.

IPC 8 full level
C08G 18/18 (2006.01); **C08G 18/22** (2006.01); **C08G 18/42** (2006.01); **C08G 18/48** (2006.01); **C08G 18/76** (2006.01); **C08K 3/016** (2018.01); **C08K 3/02** (2006.01); **C08K 3/32** (2006.01); **C08K 5/19** (2006.01); **C08K 5/3492** (2006.01); **C08K 9/04** (2006.01); **C08K 9/10** (2006.01)

CPC (source: EP KR US)
C08G 18/14 (2013.01 - KR); **C08G 18/18** (2013.01 - EP KR US); **C08G 18/225** (2013.01 - EP KR US); **C08G 18/42** (2013.01 - KR); **C08G 18/4211** (2013.01 - EP US); **C08G 18/48** (2013.01 - KR); **C08G 18/4829** (2013.01 - EP US); **C08G 18/7664** (2013.01 - EP KR US); **C08J 9/0028** (2013.01 - US); **C08J 9/0066** (2013.01 - US); **C08K 3/02** (2013.01 - US); **C08K 3/32** (2013.01 - EP KR US); **C08K 5/34922** (2013.01 - US); **C08K 5/34924** (2013.01 - US); **C08K 9/04** (2013.01 - EP KR); **C08K 9/10** (2013.01 - EP KR); **C08G 2110/0025** (2021.01 - EP KR US); **C08G 2110/005** (2021.01 - EP KR US); **C08J 2375/04** (2013.01 - US); **C08K 3/02** (2013.01 - EP); **C08K 5/34922** (2013.01 - EP); **C08K 5/34924** (2013.01 - EP); **C08K 2003/026** (2013.01 - EP KR US); **C08K 2003/323** (2013.01 - EP KR US)

C-Set (source: EP)
1. **C08K 3/32 + C08L 75/04**
2. **C08K 5/34924 + C08L 75/04**
3. **C08K 9/04 + C08L 75/04**
4. **C08K 3/02 + C08L 75/04**
5. **C08K 9/10 + C08L 75/04**

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 2022184543 A1 20220909; CA 3210253 A1 20220909; CN 116917366 A 20231020; EP 4301800 A1 20240110; JP 2024511293 A 20240313; KR 20230154044 A 20231107; US 2024182660 A1 20240606

DOCDB simple family (application)
EP 2022054645 W 20220224; CA 3210253 A 20220224; CN 202280018124 A 20220224; EP 22707736 A 20220224; JP 2023553441 A 20220224; KR 20237033117 A 20220224; US 202218548613 A 20220224