

Title (en)

METHOD FOR ADJUSTING THE MOLECULAR WEIGHT DISTRIBUTION IN POLYCONDENSATIONS AND/OR POLYADDITIONS

Title (de)

VERFAHREN ZUR EINSTELLUNG DER MOLEKULARGEWICHTSVERTEILUNG BEI POLYKONDENSATIONEN UND/ODER POLYADDITIONEN

Title (fr)

PROCÉDÉ DE RÉGLAGE DE LA RÉPARTITION DE LA MASSE MOLÉCULAIRE DANS DES POLYCONDENSATIONS ET/OU DES POLYADDITIONS

Publication

**EP 4077451 A1 20221026 (DE)**

Application

**EP 20820425 A 20201210**

Priority

- EP 19216783 A 20191217
- EP 20207262 A 20201112
- EP 2020085487 W 20201210

Abstract (en)

[origin: WO2021122286A1] The invention relates to a method for adjusting the molecular weight distribution of a polymer in a preferably predominantly irreversible polycondensation reaction and/or polyaddition reaction of the type AA+BB. The invention further relates to the polymer, which is obtained by the method according to the invention, and to the further reaction of this polymer by dosing further monomers. Moreover, the invention relates to a device for carrying out the method according to the invention.

IPC 8 full level

**C08G 18/32** (2006.01); **C08G 18/08** (2006.01); **C08G 18/10** (2006.01); **C08G 18/73** (2006.01)

CPC (source: EP)

**C08G 18/0895** (2013.01); **C08G 18/10** (2013.01); **C08G 18/3206** (2013.01); **C08G 18/73** (2013.01)

C-Set (source: EP)

1. **C08G 18/10 + C08G 18/3206**
2. **C08G 18/10 + C08G 18/73**

Citation (search report)

See references of WO 2021122286A1

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 2021122286 A1 20210624**; CN 114746466 A 20220712; EP 4077451 A1 20221026

DOCDB simple family (application)

**EP 2020085487 W 20201210**; CN 202080086315 A 20201210; EP 20820425 A 20201210