

(12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(19) World Intellectual Property
Organization
International Bureau

(43) International Publication Date
07 August 2025 (07.08.2025)



(10) International Publication Number
WO 2025/165299 A1

(51) International Patent Classification:

C08J 11/24 (2006.01) C08G 18/08 (2006.01)
C08J 11/12 (2006.01) C09D 175/04 (2006.01)
B29B 17/04 (2006.01)

(21) International Application Number:

PCT/SG2025/050060

(22) International Filing Date:

27 January 2025 (27.01.2025)

(25) Filing Language:

English

(26) Publication Language:

English

(30) Priority Data:

10202400265R 30 January 2024 (30.01.2024) SG

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(81) Designated States (unless otherwise indicated, for every kind of national protection available): AE, AG, AL, AM, AO, AT, AU, AZ, BA, BB, BG, BH, BN, BR, BW, BY, BZ, CA, CH, CL, CN, CO, CR, CU, CV, CZ, DE, DJ, DK, DM, DO, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, GT,

HN, HR, HU, ID, IL, IN, IQ, IR, IS, IT, JM, JO, JP, KE, KG, KH, KN, KP, KR, KW, KZ, LA, LC, LK, LR, LS, LU, LY, MA, MD, MG, MK, MN, MU, MW, MX, MY, MZ, NA, NG, NI, NO, NZ, OM, PA, PE, PG, PH, PL, PT, QA, RO, RS, RU, RW, SA, SC, SD, SE, SG, SK, SL, ST, SV, SY, TH, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UY, UZ, VC, VN, WS, ZA, ZM, ZW.

(84) Designated States (unless otherwise indicated, for every kind of regional protection available): ARIPO (BW, CV, GH, GM, KE, LR, LS, MW, MZ, NA, RW, SC, SD, SL, ST, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, RU, TJ, TM), European (AL, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HR, HU, IE, IS, IT, LT, LU, LV, MC, ME, MK, MT, NL, NO, PL, PT, RO, RS, SE, SI, SK, SM, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, KM, ML, MR, NE, SN, TD, TG).

Declarations under Rule 4.17:

— of inventorship (Rule 4.17(iv))

Published:

— with international search report (Art. 21(3))

(54) Title: PROCESS FOR MECHANOCHEMICAL DEPOLYMERISATION OF CONDENSATION-TYPE POLYMERS

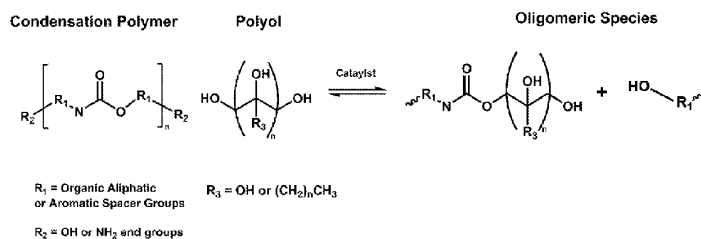


FIG. 1

(57) Abstract: The invention provides a mechanochemical depolymerisation process of condensation-type polymers, the process comprising the steps of: (a) providing a mixture comprising a condensation polymer and a cleaving agent suitable to cleave the condensation polymer; and (b) subjecting the mixture to heat and a mechanical shearing force for a period of time to provide a depolymerised product, wherein the mixture is substantially free of a solvent and the heat is sufficient to melt the condensation polymer in the mixture.



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