

Title (en)

PROCESS FOR PREPARING POLYURETHANES HAVING A HIGH REACTION ENTHALPY

Title (de)

VERFAHREN ZUR HERSTELLUNG VON POLYURETHANEN MIT HOHER REAKTIONSENTHALPIE

Title (fr)

PROCÉDÉ DE PRÉPARATION DE POLYURÉTHANES AYANT UNE ENTHALPIE DE RÉACTION ÉLEVÉE

Publication

**EP 4077437 A1 20221026 (DE)**

Application

**EP 20820189 A 20201210**

Priority

- EP 19216835 A 20191217
- EP 2020085473 W 20201210

Abstract (en)

[origin: WO2021122279A1] The invention relates to a multi-stage process for the continuous preparation of thermoplastic polyurethanes by reacting one or more aliphatic, cycloaliphatic and/or araliphatic diols with one or more aliphatic, cycloaliphatic and/or araliphatic diisocyanates, wherein the total reaction enthalpy is  $\leq -500$  kJ/kg over all the process stages at a molar ratio of diol to diisocyanate of 1.0:1.0.

IPC 8 full level

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CPC (source: EP US)

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Citation (search report)

See references of WO 2021122279A1

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