

Title (en)

PROCESS FOR PREPARING A POLYESTER USING A 4-MEMBERED RING LACTONE

Title (de)

VERFAHREN ZUR HERSTELLUNG EINES POLYESTERS MITTELS EINES 4-GLIEDRIGEN RINGLACTONS

Title (fr)

PROCÉDÉ DE PRÉPARATION D'UN POLYESTER AU MOYEN D'UNE LACTONE CYCLIQUE À 4 CHAÎNONS

Publication

**EP 3898759 A1 20211027 (DE)**

Application

**EP 19817741 A 20191216**

Priority

- EP 18215195 A 20181221
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Abstract (en)

[origin: WO2020127008A1] The invention provides a process for preparing polyesters by reacting an H-functional starter substance with a lactone in the presence of a Brønsted-acidic catalyst which comprises initially charging the H-functional starter substance and the Brønsted-acidic catalyst to form a mixture i) and subsequently adding the lactone to the mixture i), wherein the process is carried out without adding an aromatic solvent and wherein the H-functional starter substance is an OH-functional starter substance and/or a COOH-functional starter substance and wherein the lactone is a 4-membered ring lactone. The invention further provides polyesters obtainable by the method of the invention.

IPC 8 full level

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CPC (source: EP US)

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