

Title (en)

PROCESS FOR PREPARING POLYETHER CARBONATE ALCOHOLS

Title (de)

VERFAHREN ZUR HERSTELLUNG VON POLYETHERCARBONATALKOHOLEN

Title (fr)

PROCÉDÉ DE PRÉPARATION D'ALCOOLS DE CARBONATE DE POLYÉTHER

Publication

EP 4017899 A1 20220629 (DE)

Application

EP 20751582 A 20200812

Priority

- EP 19192406 A 20190819
- EP 20158917 A 20200224
- EP 2020072576 W 20200812

Abstract (en)

[origin: WO2021032553A1] The invention relates to a process for preparing polyether carbonate alcohols by attaching cyclic propylene carbonate to an H-functional starter substance in the presence of a catalyst, characterized in that at least one compound according to formula MnX (I) is used as a catalyst, wherein M is selected from the alkali metal cations Li⁺, Na⁺, K⁺ and Cs⁺, X is selected from the anions VO₃⁻, WO₄²⁻, MoO₄²⁻ and VO₄³⁻, n is 1, if X = VO₃⁻, n is 2, if X = WO₄²⁻ or MoO₄²⁻, and n is 3, if X = VO₄³⁻.

IPC 8 full level

C08G 64/30 (2006.01); **C08G 18/44** (2006.01); **C08G 65/26** (2006.01)

CPC (source: CN EP US)

C08G 64/30 (2013.01 - EP); **C08G 64/305** (2013.01 - CN US); **C08L 75/04** (2013.01 - EP)

Citation (search report)

See references of WO 2021032553A1

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

DOCDB simple family (publication)

WO 2021032553 A1 20210225; CN 114206981 A 20220318; EP 4017899 A1 20220629; US 2022267515 A1 20220825

DOCDB simple family (application)

EP 2020072576 W 20200812; CN 202080058168 A 20200812; EP 20751582 A 20200812; US 202017628257 A 20200812