

Title (en)

NOVEL POLYETHERS ON THE BASIS OF 2,3-EPOXYBUTANE AND PROCESS FOR THE PREPARATION THEREOF

Title (de)

NEUE POLYETHER AUF BASIS VON 2,3-EPOXYBUTAN UND VERFAHREN ZU DEREN HERSTELLUNG

Title (fr)

NOUVEAUX POLYÉTHERS À BASE DE 2,3-ÉPOXYBUTANE ET PROCÉDÉ POUR LEUR PRÉPARATION

Publication

**EP 4314111 A1 20240207 (DE)**

Application

**EP 22714181 A 20220314**

Priority

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Abstract (en)

[origin: WO2022200087A1] The invention relates to a process for preparing polyethers on the basis of cis-2,3-epoxybutane and trans-2,3-epoxybutane, comprising the steps a) reacting at least one starting compound (A) in the presence of a double metal cyanide catalyst (B) with 2,3-epoxybutane (C) and optionally further epoxide monomers (D) to form at least one polyether (E); and optionally b) reacting the at least one polyether (E) with at least one end-capping reagent (F) to form at least one end-capped polyether (G).

IPC 8 full level

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