

Title (en)

METHOD FOR THE PRODUCING A POLYCARBONATE WITH IMPROVED RECOVERY OF NON-REACTED DIARYLCARBONATE

Title (de)

VERFAHREN ZUR HERSTELLUNG EINES POLYCARBONATS MIT VERBESSERTER RÜCKGEWINNUNG VON NICHT UMGESETZTEN DIARYLCARBONAT

Title (fr)

PROCÉDÉ DE PRODUCTION D'UN POLYCARBONATE AVEC RÉCUPÉRATION AMÉLIORÉE DE CARBONATE DE DIARYLE N'AYANT PAS RÉAGI

Publication

EP 4090695 A1 20221123 (DE)

Application

EP 21700523 A 20210111

Priority

- EP 20152491 A 20200117
- EP 2021050347 W 20210111

Abstract (en)

[origin: WO2021144212A1] The invention relates to a method for producing a polycarbonate from a diphenol and a diaryl carbonate according to the melt transesterification method. The diaryl carbonate is obtained by reacting a monophenol with a carbonyl halide. The method according to the invention is characterised in that an increased proportion of the diaryl carbonate not reacted in the reaction with the diphenol compared to the prior art is recovered and returned to the method, and thus a reduced proportion of the diaryl carbonate not reacted in the reaction with the diphenol, compared to the prior art, is returned for disposal.

IPC 8 full level

C08G 64/30 (2006.01)

CPC (source: EP KR)

C08G 64/24 (2013.01 - KR); **C08G 64/30** (2013.01 - EP); **C08G 64/307** (2013.01 - KR); **C08G 64/403** (2013.01 - KR)

Citation (search report)

See references of WO 2021144212A1

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

Designated validation state (EPC)

KH MA MD TN

DOCDB simple family (publication)

EP 3851478 A1 20210721; CN 114929780 A 20220819; EP 4090695 A1 20221123; KR 20220128470 A 20220920; WO 2021144212 A1 20210722

DOCDB simple family (application)

EP 20152491 A 20200117; CN 202180009350 A 20210111; EP 2021050347 W 20210111; EP 21700523 A 20210111; KR 20227024050 A 20210111