

Title (en)
PROCESS FOR THE PREPARATION OF A POLYCARBONATE

Title (de)
VERFAHREN ZUR HERSTELLUNG EINES POLYCARBONATS

Title (fr)
PROCÉDÉ DE PRÉPARATION D'UN POLYCARBONATE

Publication
EP 4010401 A1 20220615 (EN)

Application
EP 20746680 A 20200803

Priority
• EP 19190636 A 20190808
• EP 2020071759 W 20200803

Abstract (en)
[origin: WO2021023690A1] The present inventions relates to a melt transesterification process for producing a polycarbonate from a dihydroxyaryl compound and a diaryl carbonate. The process according to the invention is characterized in that the rate of the reaction between the dihydroxyaryl compound with the diaryl carbonate is monitored and controlled. Especially the rate of the reaction between the dihydroxyaryl compound with the diaryl carbonate is monitored and – in case that the rate of reaction drops below a predefined value – the rate of reaction is increased again.

IPC 8 full level
C08G 64/30 (2006.01)

CPC (source: CN EP KR)
C08G 64/04 (2013.01 - KR); **C08G 64/307** (2013.01 - CN EP KR); **G16C 60/00** (2019.01 - KR)

Citation (search report)
See references of WO 2021023690A1

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 2021023690 A1 20210211; CN 114222774 A 20220322; EP 4010401 A1 20220615; KR 20220045150 A 20220412

DOCDB simple family (application)
EP 2020071759 W 20200803; CN 202080056331 A 20200803; EP 20746680 A 20200803; KR 20227003647 A 20200803