

Title (en)
CHAIN EXTENSION PROCESS

Title (de)
KETTENVERLÄNGERUNGSVERFAHREN

Title (fr)
PROCEDE D'EXTENSION DE CHAINE

Publication
EP 1263864 A1 20021211 (EN)

Application
EP 01915913 A 20010309

Priority
• NL 0100199 W 20010309
• NL 1014604 A 20000310

Abstract (en)
[origin: WO0166633A1] The invention relates to a process for preparing a high-molecular polymer by contacting in a melt a difunctional lowermolecular polymer whose functional end groups are -OH or -NH₂ groups with carbonylbislactamate, characterized in that the melt also contains an acid or a base as a catalyst. If the difunctional polymer contains a -COOH group, it is preferred for the melt also to contain a bisoxazine or a bisoxazoline.

IPC 1-7
C08K 5/35; C08G 69/48; C08G 69/20; C08G 63/91

IPC 8 full level
C08G 63/91 (2006.01); C08G 69/04 (2006.01); C08G 69/16 (2006.01); C08G 69/28 (2006.01); C08G 69/48 (2006.01); C08G 85/00 (2006.01)

CPC (source: EP)
C08G 63/916 (2013.01); C08G 69/04 (2013.01); C08G 69/16 (2013.01); C08G 69/28 (2013.01); C08G 69/48 (2013.01)

Citation (search report)
See references of WO 0166633A1

Designated contracting state (EPC)
AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE TR

DOCDB simple family (publication)
WO 0166633 A1 20010913; AU 4286101 A 20010917; CA 2402430 A1 20010913; CN 1416449 A 20030507; EP 1263864 A1 20021211;
JP 2003525989 A 20030902; NL 1014604 C2 20010911

DOCDB simple family (application)
NL 0100199 W 20010309; AU 4286101 A 20010309; CA 2402430 A 20010309; CN 01806375 A 20010309; EP 01915913 A 20010309;
JP 2001565796 A 20010309; NL 1014604 A 20000310