

Title (en)
A PROCESS FOR PREPARING HIGH IMPACT STRENGTH POLY(1,4-CYCLOHEXYLENEDIMETHYLENE TEREPHTHALATE)/IONOMER BLENDS.

Title (de)
VERFAHREN ZUR HERSTELLUNG VON SCHLAGZÄHEN POLY(1,4-CYCLOHEXYLENDIMETHYLEN TEREPHTHALAT)- IONOMER-MISCHUNGEN.

Title (fr)
PROCEDE DE PREPARATION DE MELANGES POLY(1,4-CYCLOHEXYLENEDIMETHYLENE TEREPHTALATE)/IONOMERE A RESISTANCE ELEVEE AUX CHOCS.

Publication
EP 0659200 A1 19950628 (EN)

Application
EP 94910264 A 19930823

Priority

- US 9307868 W 19930823
- US 94365592 A 19920911

Abstract (en)
[origin: WO9406863A1] This invention relates to a process for preparing poly(1,4-cyclohexylenedimethylene terephthalate)/ionomer compositions which exhibit high impact strength and to articles made therefrom. The process involves melt blending poly(1,4-cyclohexylenedimethylene terephthalate) with an ionomer of ethylene, an unsaturated carboxylic acid selected from the group consisting of acrylic acid and methacrylic acid wherein the carboxylic acid groups are neutralized with zinc or sodium ions, and an alkyl acrylate, at a shear rate of 3500 to 7000 reciprocal seconds; and thermoforming the blend into an article.

IPC 1-7
C08L 67/02

IPC 8 full level
C08J 3/20 (2006.01); **B29C 47/00** (2006.01); **C08L 67/00** (2006.01); **C08L 67/02** (2006.01)

CPC (source: EP)
C08L 67/02 (2013.01)

Citation (search report)
See references of WO 9406863A1

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

DOCDB simple family (publication)
WO 9406863 A1 19940331; CA 2142849 A1 19940331; EP 0659200 A1 19950628; JP H08501578 A 19960220

DOCDB simple family (application)
US 9307868 W 19930823; CA 2142849 A 19930823; EP 94910264 A 19930823; JP 50664994 A 19930823