

Title (en)

THERMOPLASTIC AROMATIC POLYESTERS COMPRISING TETRAHYDROFURAN-DIMETHANOL MOTIFS

Title (de)

THERMOPLASTISCHE AROMATISCHE POLYESTER MIT TETRAHYDROFURAN-DIMETHANOL-MOTIVEN

Title (fr)

POLYESTERS AROMATIQUES THERMOPLASTIQUES COMPRENANT DES MOTIFS TÉTRAHYDROFURANEDIMÉTHANOL

Publication

**EP 3140339 A1 20170315 (FR)**

Application

**EP 15726234 A 20150505**

Priority

- FR 1454175 A 20140509
- FR 2015051186 W 20150505

Abstract (en)

[origin: WO2015170049A1] The invention relates to a thermoplastic polyester comprising: at least one tetrahydrofuran-dimethanol diol motif (A); and at least one aromatic acid motif (B) selected from terephthalic acid, isophthalic acid, phthalic acid, 2,6-naphthalene dicarboxylic acid and 1,4-naphthalene dicarboxylic acid, the glass transition temperature thereof being higher than, or equal to, 50°C. The invention also relates to a method for producing polyester comprising said motifs (A) and (B).

IPC 8 full level

**C08G 63/181** (2006.01); **C08G 63/183** (2006.01); **C08G 63/189** (2006.01); **C08G 63/42** (2006.01)

CPC (source: EP US)

**C08G 63/181** (2013.01 - EP US); **C08G 63/183** (2013.01 - EP US); **C08G 63/189** (2013.01 - EP US); **C08G 63/42** (2013.01 - EP US)

Citation (search report)

See references of WO 2015170049A1

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 2015170049 A1 20151112**; EP 3140339 A1 20170315; FR 3020812 A1 20151113; FR 3020812 B1 20160610; US 2017190832 A1 20170706

DOCDB simple family (application)

**FR 2015051186 W 20150505**; EP 15726234 A 20150505; FR 1454175 A 20140509; US 201515308661 A 20150505