

Title (en)

THERMOPLASTIC COPOLYESTERS COMPRISING 1,4 : 3,6-DIANHYDROHEXITOL AND VARIOUS AROMATIC DIACIDS

Title (de)

THERMOPLASTISCHE COPOLYESTER MIT 1,4:3,6-DIANHYDROHEXITOL UND VERSCHIEDENEN AROMATISCHEN DISÄUREN

Title (fr)

COPOLYESTERS THERMOPLASTIQUES COMPRENANT DU 1,4 : 3,6-DIANHYDROHEXITOL ET DIVERS DIACIDES AROMATIQUES

Publication

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Application

**EP 16819969 A 20161202**

Priority

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- FR 2016053179 W 20161202

Abstract (en)

[origin: WO2017093684A1] The invention relates to a thermoplastic polyester comprising: at least one 1,4 : 3,6-dianhydrohexitol unit (A); at least one alicyclic diol unit (B) other than 1,4 : 3,6-dianhydrohexitol units (A); at least one carboxylic diacid unit (C) selected from among furan-2,5-dicarboxylic acid, 2,6-naphthalic acid and isophthalic acid units, said polyester including at least 10% 1,4 : 3,6-dianhydrohexitol units (A) and being free from ethylene glycol and terephthalic acid units. The invention also relates to the production method and use of same.

IPC 8 full level

**C08G 63/181** (2006.01); **C08G 63/189** (2006.01); **C08G 63/199** (2006.01); **C08G 63/672** (2006.01); **C08G 63/78** (2006.01); **C08G 63/80** (2006.01); **C08J 5/18** (2006.01); **C08L 67/02** (2006.01); **G02B 1/04** (2006.01)

CPC (source: EP KR US)

**C08G 63/181** (2013.01 - EP KR US); **C08G 63/189** (2013.01 - EP KR US); **C08G 63/199** (2013.01 - EP KR US); **C08G 63/672** (2013.01 - EP KR US); **C08G 63/78** (2013.01 - EP KR US); **C08G 63/80** (2013.01 - EP KR US); **C08J 5/18** (2013.01 - EP KR US); **C08L 67/02** (2013.01 - EP KR US); **G02B 1/04** (2013.01 - EP KR US); **C08J 2367/02** (2013.01 - EP US); **C08L 2203/16** (2013.01 - US)

Citation (search report)

See references of WO 2017093684A1

Designated contracting state (EPC)

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