

Title (en)  
THERMOPLASTIC FIBERS AND FABRICS

Title (de)  
THERMOPLASTISCHE FASERN UND TEXTILE FLÄCHENGEBILDE

Title (fr)  
FIBRES ET TISSUS THERMOPLASTIQUES

Publication  
**EP 1141454 B1 20060329 (EN)**

Application  
**EP 99960637 A 19991202**

Priority  
• US 9928462 W 19991202  
• US 11080398 P 19981203

Abstract (en)  
[origin: WO0032854A1] Fibers comprising one or more thermoplastic hydroxy-functionalized polyethers or polyesters, prepared by the reaction of a dinucleophilic monomer with a diglycidyl ether, a diglycidyl ester or epihalohydrin and, optionally a polymer which is not a hydroxy-functionalized polyether or polyester, including polyolefin, polyester, polyamide, polysaccharide, modified polysaccharide or naturally-occurring fiber or particulate filler; thermoplastic polyurethane, thermoplastic elastomer or glycol-modified copolyester.

IPC 8 full level  
**B01D 39/00** (2006.01); **D01F 6/66** (2006.01); **B01D 39/16** (2006.01); **B01J 20/26** (2006.01); **D01F 6/84** (2006.01); **D01F 6/86** (2006.01); **D01F 6/88** (2006.01); **D01F 6/92** (2006.01); **D01F 8/14** (2006.01); **D01F 8/16** (2006.01); **D03D 15/00** (2006.01); **D04H 1/42** (2012.01); **D04H 1/54** (2012.01)

CPC (source: EP KR)  
**D01F 6/66** (2013.01 - EP KR); **D01F 6/84** (2013.01 - EP); **D01F 6/86** (2013.01 - EP); **D01F 8/14** (2013.01 - EP); **D01F 8/16** (2013.01 - EP); **D04H 1/42** (2013.01 - EP); **D04H 1/54** (2013.01 - EP)

Cited by  
USRE47737E; USRE49097E; DE102009006586A1; DE102009006586B4; US9885154B2; US10316468B2; US9795906B2; US10610813B2; US11504663B2

Designated contracting state (EPC)  
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