

Title (en)  
HIGH MELT VISCOSITY POLYESTER OR CO-POLYESTER COMPOSITIONS

Title (de)  
POLYESTER- ODER COPOLYESTERZUSAMMENSETZUNGEN MIT HOHER SCHMELZVISKOSITÄT

Title (fr)  
COMPOSITIONS DE POLYESTER OU DE CO-POLYESTER À HAUTE VISCOSITÉ À L'ÉTAT FONDU

Publication  
**EP 2539393 A4 20140917 (EN)**

Application  
**EP 11748221 A 20110228**

Priority  
• US 31236110 P 20100310  
• US 30896010 P 20100228  
• US 2011026407 W 20110228

Abstract (en)  
[origin: WO2011106760A2] Processes of decreasing the melt flow rate of a polyester selected from the group consisting of polyesters derived from one or more dicarboxylic acids and one or more diols having more than two carbon atoms, copolyester thermoplastic elastomers, and mixtures of these, by melt mixing with the polyester an alkali metal salt having a molecular weight less than 300 to provide a melt mixed composition. Processes of making a melt extruded article from such melt mixed compositions and the articles made therefrom.

IPC 8 full level  
**C08J 5/00** (2006.01); **C08K 3/10** (2006.01); **C08K 3/26** (2006.01); **C08K 5/098** (2006.01); **C08L 67/02** (2006.01)

CPC (source: EP KR)  
**C08G 63/183** (2013.01 - KR); **C08J 5/00** (2013.01 - EP KR); **C08K 3/10** (2013.01 - EP KR); **C08K 3/26** (2013.01 - EP); **C08K 5/098** (2013.01 - EP); **C08L 67/02** (2013.01 - EP KR); **C08K 2003/262** (2013.01 - EP)

Citation (search report)  
• [X] WO 9304126 A1 19930304 - GEN ELECTRIC [US]  
• [X] WO 0017265 A1 20000330 - DU PONT [US]  
• [X] EP 1743917 A1 20070117 - FUTURA POLYESTERS LTD [IN]  
• [A] EP 2123713 A1 20091125 - DU PONT [US]  
• [X] EP 0318788 A2 19890607 - GEN ELECTRIC [US]  
• [X] WO 2008054777 A2 20080508 - DU PONT [US], et al  
• [X] JIALIANG ZHANG: "Effective Nucleating Chemical Agents for the Crystallization of Poly(trimethylene terephthalate)", JOURNAL OF APPLIED POLYMER SCIENCE, WILEY, US, vol. 93, no. 2, 1 January 2004 (2004-01-01), pages 590 - 601, XP008163173, ISSN: 0021-8995, [retrieved on 20040421], DOI: 10.1002/APP.20487  
• See references of WO 2011106760A2

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

DOCDB simple family (publication)  
**WO 2011106760 A2 20110901**; **WO 2011106760 A3 20120105**; CN 102782030 A 20121114; EP 2539393 A2 20130102; EP 2539393 A4 20140917; KR 20130046394 A 20130507

DOCDB simple family (application)  
**US 2011026407 W 20110228**; CN 201180011433 A 20110228; EP 11748221 A 20110228; KR 20127025418 A 20110228