

Title (en)
PREPARATION PROCESS FOR CLING FILMS

Title (de)
VERFAHREN ZUR HERSTELLUNG VON CLINGFOLIEN

Title (fr)
PROCÉDÉ DE PRÉPARATION POUR DES FILMS EXTENSIBLES (CLING)

Publication
EP 2550330 A1 20130130 (DE)

Application
EP 11709426 A 20110323

Priority
• EP 10157598 A 20100324
• EP 2011054386 W 20110323
• EP 11709426 A 20110323

Abstract (en)
[origin: WO2011117265A1] The present invention relates to a process for producing cling films, using biodegradable polyesters obtainable by polycondensation of: i) 65 to 80 mol%, based on the components i to ii, one or more dicarboxylic acid derivatives or dicarboxylic acids selected from the group consisting of: succinic acid, adipic acid, sebacic acid, azelaic acid and brassylic acid; ii) 35 to 20 mol%, based on the components i) to ii), of a terephthalic acid derivative; iii) 98 to 102 mol%, based on the components i) to ii), of a C2-C8 alkylenediol or C2-C6 oxyalkylenediol; iv) 0.1 to 2% by weight, based on the polymer obtainable from the components i to iii, of an at least trifunctional crosslinker or at least difunctional chain extender. In addition the invention relates to polymer mixtures which are particularly suitable for producing cling films, and to cling films which contain biodegradable polyesters.

IPC 8 full level
C08G 63/00 (2006.01); **C08J 5/18** (2006.01); **C08L 67/00** (2006.01)

CPC (source: EP KR)
B32B 27/36 (2013.01 - KR); **C08G 63/00** (2013.01 - KR); **C08G 63/183** (2013.01 - EP); **C08G 63/20** (2013.01 - EP); **C08J 5/18** (2013.01 - KR); **C08L 67/00** (2013.01 - KR); **C08L 67/02** (2013.01 - EP); **C08L 67/04** (2013.01 - EP); **C08L 2205/03** (2013.01 - EP)

Citation (search report)
See references of WO 2011117265A1

Cited by
WO2021260031A1; IT202000015022A1

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 2011117265 A1 20110929; AU 2011231669 A1 20121025; CA 2792845 A1 20110929; CN 102869723 A 20130109; EP 2550330 A1 20130130; KR 20130010080 A 20130125

DOCDB simple family (application)
EP 2011054386 W 20110323; AU 2011231669 A 20110323; CA 2792845 A 20110323; CN 201180015535 A 20110323; EP 11709426 A 20110323; KR 20127027563 A 20110323