

Title (en)

BIODEGRADABLE THERMOPLASTIC COMPOSITION AND METHOD FOR THE PREPARATION THEREOF

Title (de)

BIOLOGISCH ABBAUBARE, THERMOPLASTISCHE ZUSAMMENSETZUNG UND VERFAHREN ZU IHRER HERSTELLUNG

Title (fr)

COMPOSITION THERMOPLASTIQUE BIODEGRADABLE ET PROCEDE DE PREPARATION

Publication

EP 1776414 A1 20070425 (FR)

Application

EP 05775268 A 20050603

Priority

- FR 2005001363 W 20050603
- FR 0406084 A 20040604

Abstract (en)

[origin: WO2006003280A1] The invention relates to a biodegradable thermoplastic polyester metal-, metal salt-and starch-free composition containing A) at least 50 % by weight thermoplastic polyester, B) 2-20 % by weight a biodegradable organic molecule having a low molecular weight, preferably ranging from 2 to 10 % by weight and C) 0-30 % by weight thermoplastic polymer different from the compound A.

IPC 8 full level

C08K 5/00 (2006.01); **C08J 5/18** (2006.01); **C08K 5/01** (2006.01); **C08K 5/10** (2006.01); **C08L 67/02** (2006.01); **C08L 67/03** (2006.01); **C08L 67/04** (2006.01); **C08L 101/00** (2006.01)

CPC (source: EP US)

C08K 5/10 (2013.01 - EP US); **C08L 67/02** (2013.01 - EP US); **C08L 67/04** (2013.01 - EP US); **C08L 101/00** (2013.01 - EP US)

Citation (search report)

See references of WO 2006003280A1

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU MC NL PL PT RO SE SI SK TR

DOCDB simple family (publication)

FR 2871166 A1 20051209; FR 2871166 B1 20061201; EP 1776414 A1 20070425; JP 2008501815 A 20080124; US 2008281026 A1 20081113; WO 2006003280 A1 20060112

DOCDB simple family (application)

FR 0406084 A 20040604; EP 05775268 A 20050603; FR 2005001363 W 20050603; JP 2007514030 A 20050603; US 62843705 A 20050603