

Title (en)
SUSTAINABLE ISOSORBIDE - CONTAINING POLYCARBONATE - POLYLACTIDE BLENDS

Title (de)
NACHHALTIGE ISOSORBIDHALTIGE POLYCARBONAT-POLYLACTID-MISCHUNGEN

Title (fr)
MÉLANGES DE POLYLACTIDE-POLYCARBONATE CONTENANT UN ISOSORBIDE RENOUVELABLE

Publication
EP 2904048 A1 20150812 (EN)

Application
EP 12787102 A 20121004

Priority
IB 2012055318 W 20121004

Abstract (en)
[origin: WO2014053878A1] The present invention is directed to a blended composition comprising one or more polycarbonates, wherein at least one of the polycarbonates contains an isosorbide unit; one or more polylactide polymers, and an impact modifier. The composition has an overall biocontent of at least 50% according to ASTM D6866 and a notched izod impact value of at least 48 k J/m 2 at 23°.

IPC 8 full level
C08L 51/04 (2006.01); **C08L 55/02** (2006.01); **C08L 67/04** (2006.01); **C08L 69/00** (2006.01)

CPC (source: EP)
C08G 64/1608 (2013.01); **C08L 69/00** (2013.01); **C08L 51/04** (2013.01); **C08L 53/02** (2013.01); **C08L 55/02** (2013.01)

Citation (search report)
See references of WO 2014053878A1

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

Designated extension state (EPC)
BA ME

DOCDB simple family (publication)
WO 2014053878 A1 20140410; CN 104718250 A 20150617; EP 2904048 A1 20150812

DOCDB simple family (application)
IB 2012055318 W 20121004; CN 201280076283 A 20121004; EP 12787102 A 20121004