Title (en)
ELASTOMER MIX COMPRISING PLLA AND PDLA

Title (de)
ELASTOMERGEMISCH MIT PLLA UND PDLA

Title (fr)
MELANGE ELASTOMERE COMPRENANT DU PLLA ET DU PDLA

Publication
EP 3810693 A1 20210428 (FR)

Application
EP 19745688 A 20190618

Priority
• FR 1855392 A 20180619
• FR 2019051477 W 20190618

Abstract (en)
[origin: WO2019243724A1] An elastomer mix comprising at least: - by way of polymer A), at least one diene/polylactide elastomer copolymer A1, the copolymer A1 comprising: a PLLA or PDLA polylactide block, called first block, where necessary one or more other polylactide block(s), which are all PLLA when the first block is PLLA or which are all PDLA when the first block is PDLA, the mass percentage of the one or more polylactide block(s) in said copolymer A1 being between 0% and 50% by weight, compared to the weight of the copolymer A1; and - by way of polymer B), a diene/polylactide elastomer copolymer B1, the copolymer B1 comprising a polylactide block, called second block, which is PLLA when, in the copolymer A1, the first block is PDLA, or which is PDLA when, in the copolymer A1, the first block is PLLA, where necessary one or more other polylactide block(s), which are all PLLA when said second block is PLLA or which are all PDLA when said second block is PDLA, the mass percentage of the one or more polylactide block(s) in said copolymer B1 being between 10% and 50% by weight, compared to the weight of the copolymer B1; or a polylactide B2, which is PLLA when, in the copolymer A1, the first polylactide block is PDLA or is PDLA when, in the copolymer A1, the first polylactide block is PLLA, or a mixture of said copolymer B1 and of said polylactide B2, the designations PLLA and PDLA designate a chain consisting in units of formula (I) -[CH(CH3)-C(O)-O]- (I), for which at least 70% by weight respectively assume the L and D configuration.

IPC 8 full level
C08L 53/02 (2006.01); **B60C 1/00** (2006.01); **C08L 67/04** (2006.01)

CPC (source: EP US)
B60C 1/0016 (2013.01 - EP US); **C08G 63/08** (2013.01 - EP US); **C08G 81/027** (2013.01 - US); **C08L 9/06** (2013.01 - US); **C08L 67/04** (2013.01 - EP); **C08L 87/005** (2013.01 - EP); C08L 9/00 (2013.01 - US); C08L 53/00 (2013.01 - US); C08L 67/04 (2013.01 - US); C08L 87/005 (2013.01 - US); C08L 2205/025 (2013.01 - US)

C-Set (source: EP)
1. **C08L 67/04** + **C08L 67/04**
2. **C08L 87/005** + **C08L 87/005**

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)
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DOCDB simple family (application)
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