

Title (en)
POLYMER PRODUCTS COMPRISING SOFT AND ELASTIC BIODEGRADABLE POLYHYDROXYALKANOATE COPOLYMER COMPOSITIONS AND METHODS OF PREPARING SUCH POLYMER PRODUCTS

Title (de)
POLYMERPRODUKTE AUS WEICHEN UND ELASTISCHEN BIOLOGISCH ABBAUBAREN POLYHYDROXYALKANOAT-COPOLYMERENZUSAMMENSETZUNGEN UND METHODEN ZUR HERSTELLUNG SOLCHER POLYMERPRODUKTE

Title (fr)
PRODUITS POLYMERES COMPRENANT DES COMPOSITIONS COPOLYMERES POLYHYDROXYALCANOATES SOUPLES ET BIODEGRADABLES ET PROCEDES DE FABRICATION DE TELS PRODUITS POLYMERES

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Application
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Abstract (en)
[origin: WO0130892A1] Soft and elastic polymer products are obtained by stretching a composition comprising a biodegradable polyhydroxyalkanoate copolymer comprising at least two randomly repeating monomer units. The first randomly repeating monomer unit has the structure (I), wherein R<1> is H, or C1 or C2 alkyl, and n is 1 or 2. The second randomly repeating monomer unit has the structure (II), wherein R<2> is a C3-C19 alkyl or C3-C19 alkenyl. At least about 70 mole % of the copolymer comprises randomly repeating monomer units having the structure of the first randomly repeating monomer unit (I). The products exhibit advantageous combinations of softness and elasticity while maintaining strength.

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IPC 8 full level
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