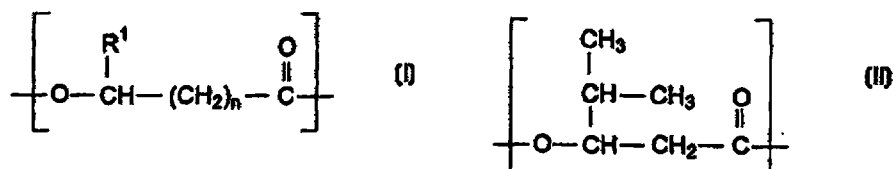




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(54) Title: BIODEGRADABLE PHA COPOLYMERS



(57) Abstract

The present invention relates to biodegradable PHA copolymers comprising at least two randomly repeating monomer units. The present invention further relates to a plastic article comprising a biodegradable copolymer, wherein the biodegradable copolymer comprises at least two randomly repeating monomer units (RRMU) wherein the first RRMU has structure (I) wherein R¹ is H, or C₁ or C₂ alkyl, and n is 1 or 2; the second RRMU has structure (II) and wherein at least 50 % of the RRMUs have the structure of the first RRMU. The present invention further relates to an absorbent article comprising a liquid previous topsheet, a liquid impervious backsheet comprising a film comprising a PHA of the present invention and an absorbent core positioned between the topsheet and the backsheet.