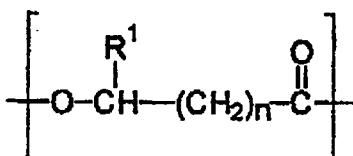


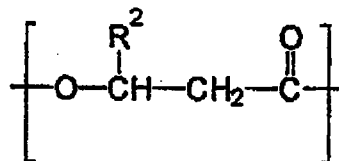
BIODEGRADABLE COPOLYMERS AND PLASTIC ARTICLES
COMPRISING BIODEGRADABLE COPOLYMERS

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 the structure



wherein R^1 is H, or C_1 or C_2 alkyl, and n is 1 or 2; the second RRMU has the structure



wherein R^2 is a C_4 - C_{19} alkyl or alkenyl; 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 pervious 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.