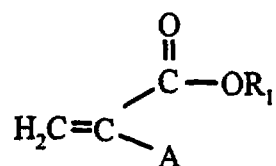


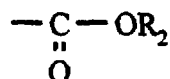
ABSTRACT

The invention relates to a method for the preparation of nanoparticles
 5 formed from a random polymer of at least one compound of formula (I)



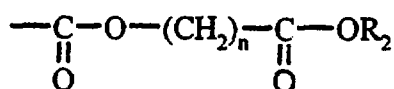
in which

- A represents a



10

group or a



group;

- R₁ and R₂, identical or different, represents a linear or branched C₁-C₆ alkyl
 15 group;

- n = 1, 2, 3, 4 or 5,

characterised in that the monomer is dissolved beforehand in a water-miscible aprotic
 organic solvent forming, with the polymerisation medium, a non-solvent mixture of
 the polymer formed.

20 The invention also relates to said nanoparticles, which optionally contain
 one or more biologically active molecules, and the pharmaceutical compositions
 containing them.