

ABSTRACT

NOVEL FUNCTIONAL POLYMERS

To provide a polymer comprising as a structural unit a monomer unit containing a hydroxy group or other hydrophilic radical and other functional group in the molecule which is useful in medical, cosmetic and electric industries.

A polymer comprising as a structural unit a monomer unit shown by the general formula [1]



(wherein R^1 and R^2 are, independently, a hydrogen atom or a halogen atom, R^3 is a hydrophilic radical and R^4 is a cyano group or a carboxyl group which may be esterified).

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