

Title (en)
USE OF WATER-SOLUBLE POLYMERS AS BIOCIDES

Title (de)
VERWENDUNG VON WASSERLÖSLICHEN POLYMERISATEN ALS BIOZIDE

Title (fr)
UTILISATION COMME BIOCIDES DE POLYMERISATS HYDROSOLUBLES

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Application
EP 98948911 A 19980905

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Abstract (en)
[origin: WO9912420A1] The invention relates to the use of polymers as biocides, containing units of formula (I) and/or (II) as substantial structural elements, in addition to the acid additive salts thereof, wherein R<1> represents H, alkyl, cycloalkyl, aryl or aralkyl; R<2> and R<3> are defined, independently of each other, as R<1> or are selected among substituted alkyl, substituted aryl or substituted aralkyl, whereby the substituents are selected among OH, O alkyl, O aryl, SH, S alkyl, S aryl, NH₂, HH alkyl, NH aryl, N(alkyl)₂, optionally in protonated form, N(alkyl)->3Z<->, wherein Z stands for the residue of an inorganic or organic acid, COOH, COO alkyl, CONHH₂, CONNH alkyl, CON(alkyl)₂, CN and SO₃H; and the indices x mean independently of each other a whole number ranging from 1-20.

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