

Title (en)

ANTIMICROBIAL METHACRYLIC POLYMER MATERIAL AND SHAPED ARTICLES OBTAINED FROM SAME

Title (de)

ANITMIKROBIELLES METACRYLPOLYMERMATERIAL UND DARAUS HERGESTELLTE FORMARIKEL

Title (fr)

MATERIAU POLYMERE METHACRYLIQUE ANTIMICROBIEN ET ARTICLES FACONNES OBTENUS A PARTIR DE CE MATERIAU

Publication

EP 1328575 A1 20030723 (FR)

Application

EP 01976397 A 20011011

Priority

- FR 0103142 W 20011011
- FR 0013363 A 20001019

Abstract (en)

[origin: FR2815638A1] An antimicrobial methacrylic polymer material comprising a thermoplastic methacrylic polymer comprising methyl methacrylate units and monoethylenically unsaturated comonomer units and dispersed in it at least two antibacterial agents: a halogenated phenoxy compound and a thiazolinone, isothiazolinone and sulfonylpyridine at a ratio by weight 0.02-50. An antimicrobial methacrylic polymer material comprising a thermoplastic methacrylic polymer comprising 80-100%, or preferably 90-99.5% of methyl methacrylate units and 0-20%, or preferably 0.5-10% of monoethylenically unsaturated comonomer units and dispersed in it at least two antibacterial agents: a halogenated phenoxy compound and a thiazolinone, isothiazolinone and sulfonylpyridine at a ratio by weight 0.02-50, or preferably 0.1-10 at 20-20000 ppm. An Independent claim is included for articles obtained from the material by extrusion, injection or compression of the material and those obtained by thermoforming the material.

IPC 1-7

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