

Title (en)

ORGANOPOLYSILOXANE COMPOSITIONS WITH MICROBICIDAL ACTIVITY THAT CAN BE STORED IN THE ABSENCE OF WATER

Publication

**EP 0000892 B1 19810318 (DE)**

Application

**EP 78100604 A 19780807**

Priority

DE 2737405 A 19770819

Abstract (en)

[origin: ES472671A1] An organopolysiloxane composition having a microbiocidal action comprising an alpha , omega - dihydroxypolydiorganosiloxane and a benzimidazolyl-alkyl-carbamate of the formula < IMAGE > wherein R1 is an alkyl radical with 1 to 4 carbon atoms, optionally substituted by the radical -OR3, R3 is an alkyl radical with 1 to 4 carbon atoms or the phenyl radical, and R2 is hydrogen, an alkyl radical with 1 to 4 carbon atoms, halogen or nitro. Advantageously the carbamate is methylbenzimidazolymethyl-carbamate, N-(fluorodichloromethylthio)-phthalimide, is present as a synergistic fungicide and the composition further comprises a silicon-containing crosslinking agent for the siloxane, a heavy metal salt or amino accellerant for crosslinking and an alpha , omega -bis-(trimethylsiloxy)-polydimethylsiloxane. Water per se or in atmospheric air cures the composition to a rubber elastic product resistant to microbes.

IPC 1-7

**C08L 83/04**; **C08K 5/34**

IPC 8 full level

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CPC (source: EP US)

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C-Set (source: EP US)

1. **C08K 5/34** + **C08L 83/04**
2. **C08K 5/3447** + **C08L 83/04**

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**EP 0000892 A1 19790307**; **EP 0000892 B1 19810318**; AU 3897178 A 19800221; AU 522775 B2 19820624; BR 7805337 A 19790502; CA 1129134 A 19820803; DD 138427 A5 19791031; DE 2737405 A1 19790301; DE 2737405 B2 19800710; DE 2860545 D1 19810416; DK 367578 A 19790220; ES 472671 A1 19791116; FI 782515 A 19790220; IT 7850754 A0 19780817; JP S5443260 A 19790405; JP S6018697 B2 19850511; NO 782677 L 19790220; NZ 188158 A 19791101; US 4228065 A 19801014

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