

Title (en)

ISOTHIAZOLONE COMPOSITION AND METHOD FOR STABILIZING ISOTHIAZOLONE

Title (de)

ISOTHIAZOLONZUSAMMENSETZUNG UND VERFAHREN ZUR STABILISIERUNG VON ISOTHIAZOLON

Title (fr)

COMPOSITION A BASE D'ISOTHIAZOLONE ET PROCEDE DE STABILISATION D'ISOTHIAZOLONE

Publication

EP 1507771 A1 20050223 (EN)

Application

EP 03755296 A 20030528

Priority

- KR 0301047 W 20030528
- KR 20020030023 A 20020529
- KR 20020062096 A 20021011
- KR 20020076857 A 20021205
- KR 20030018624 A 20030325
- KR 20030018625 A 20030325
- KR 20030028973 A 20030507
- KR 20030028974 A 20030507

Abstract (en)

[origin: WO03099799A1] The present invention relates to an isothiazolone composition and a method for stabilizing the same, and particularly to an isothiazolone composition that does not comprise alkali earth metal salt of a divalent metal such as magnesium chloride, which causes salt shock, and thus that can be stably used as a sterilizer in a dispersion or emulsion such as paint acrylate or latex, therefore effectively preventing growth of microorganisms, and that has superior storage stability due to its low precipitation formation rate because it comprises a precipitation-preventing agent, and a method for stabilizing the same.

IPC 1-7

C07D 275/03

IPC 8 full level

A01N 43/80 (2006.01); **C07D 275/03** (2006.01); **A01N 25/02** (2006.01); **A01N 25/22** (2006.01); **C07D 275/06** (2006.01); **C08K 3/16** (2006.01); **C08K 3/28** (2006.01); **C08K 5/47** (2006.01); **C07D 275/02** (2006.01)

CPC (source: EP)

C07D 275/03 (2013.01); **C07D 275/06** (2013.01)

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LI LU MC NL PT RO SE SI SK TR

DOCDB simple family (publication)

WO 03099799 A1 20031204; AU 2003232654 A1 20031212; AU 2003232654 B2 20070517; CN 100400521 C 20080709;
CN 1671674 A 20050921; EP 1507771 A1 20050223; EP 1507771 A4 20060830; JP 2005527626 A 20050915

DOCDB simple family (application)

KR 0301047 W 20030528; AU 2003232654 A 20030528; CN 03818156 A 20030528; EP 03755296 A 20030528; JP 2004507456 A 20030528