

Title (en)

Higher alkylbenzotriazoles as copper and copper alloy corrosion inhibitors.

Title (de)

Höhere Alkylbenzotriazole als Korrosionsinhibitoren für Kupfer und Kupferlegierungen.

Title (fr)

Benzotriazoles à groupes alkyles supérieurs comme inhibiteurs de la corrosion du cuivre et de ses alliages.

Publication

**EP 0397454 A1 19901114 (EN)**

Application

**EP 90304952 A 19900508**

Priority

US 34852189 A 19890508

Abstract (en)

Higher alkylbenzotriazoles are used to inhibit the corrosion of metallic surfaces in contact with an aqueous system. Systems and compositions containing higher alkylbenzotriazoles are also claimed.

IPC 1-7

**C23F 11/14**

IPC 8 full level

**C23F 11/14** (2006.01)

CPC (source: EP)

**C23F 11/149** (2013.01)

Citation (search report)

- [X] EP 0173427 A2 19860305 - BETZ EUROP INC [US]
- [X] GB 1065995 A 19670419 - GEIGY UK LTD
- [X] FR 2114466 A5 19720630 - CIBA GEIGY AG
- [A] DE 2155766 A1 19720518 - CIBA GEIGY AG
- [AD] EP 0258021 A1 19880302 - BETZ EUROP INC [US]
- [A] CH 439546 A 19670715 - GEIGY AG J R [CH]
- [A] PATENT ABSTRACTS OF JAPAN, vol. 6, no. 261 (C-141)[1139], 21st December 1982; & JP-A-57 152 476 (CHIYODA KAGAKU KENKYUSHO K.K.) 20-09-1982

Cited by

US5217686A; US5236626A; CN114635153A; CN115851060A; EP0767145A1; WO0061836A1

Designated contracting state (EPC)

AT BE CH DE DK ES FR GB GR IT LI LU NL SE

DOCDB simple family (publication)

**EP 0397454 A1 19901114**; AU 5476290 A 19901108; CA 2016150 A1 19901108; JP H02305982 A 19901219; NZ 233492 A 19920826;  
ZA 903437 B 19910130

DOCDB simple family (application)

**EP 90304952 A 19900508**; AU 5476290 A 19900507; CA 2016150 A 19900507; JP 11699790 A 19900508; NZ 23349290 A 19900430;  
ZA 903437 A 19900507