

Title (en)
WATER TREE RETARDING ADDITIVE

Title (de)
ADDITIVE ZUM SCHUTZ GEGEN WASSERBÄUMCHEN

Title (fr)
ADDITIF RETARDANT L'APPARITION DES TRACES DE SOUILLURES PAR HUMIDITE

Publication
EP 1030879 A1 20000830 (EN)

Application
EP 98951902 A 19981102

Priority
• SE 9801977 W 19981102
• SE 9704137 A 19971112

Abstract (en)
[origin: WO9924504A1] A water tree retarding additive and a composition for an electric cable comprising it are disclosed. The additive has general formula (I) where $n = 1-3$, $m = 0-3$, $R_1 = -H$, $-CH_3$, $-(CH_2)_nCOOH$, $R_2 = (a)$ a linear or branched, saturated C4-C20 alkyl, (b) a linear or branched, unsaturated C4-C20 alkyl, (c) a linear or branched, saturated C4-C20 acyl, if $m=0$, (d) a linear or branched, unsaturated C4-C20 acyl, if $m=0$, (e) an aromatic group, (e) in formula (II) where $R_3 = (a)-(d)$, and $m = 1-3$. The additive preferably is N-lauroyl ethylenediamine-N,N',N'-triacetic acid.

IPC 1-7
C08K 5/17; **C08L 23/04**

IPC 8 full level
C08K 5/17 (2006.01); **C08L 23/04** (2006.01); **H01B 1/24** (2006.01); **H01B 3/44** (2006.01); **H01B 7/28** (2006.01)

CPC (source: EP)
C08K 5/175 (2013.01); **H01B 1/24** (2013.01); **H01B 3/441** (2013.01); **H01B 3/447** (2013.01); **H01B 7/2813** (2013.01)

Citation (search report)
See references of WO 9924504A1

Designated contracting state (EPC)
AT BE CH DE DK ES FI FR GB GR IE IT LI NL PT SE

DOCDB simple family (publication)
WO 9924504 A1 19990520; AU 9773698 A 19990531; CN 1281483 A 20010124; EP 1030879 A1 20000830; JP 2001522919 A 20011120; KR 20010052099 A 20010625; SE 9704137 D0 19971112; SE 9704137 L 19990513

DOCDB simple family (application)
SE 9801977 W 19981102; AU 9773698 A 19981102; CN 98812126 A 19981102; EP 98951902 A 19981102; JP 2000520506 A 19981102; KR 20007005149 A 20000512; SE 9704137 A 19971112