

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  
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Application  
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Priority  
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• 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.

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**C08K 5/17**; **C08L 23/04**

IPC 8 full level  
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