

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  
**EP 98951902 A 19981102**

Priority  
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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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IPC 8 full level  
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