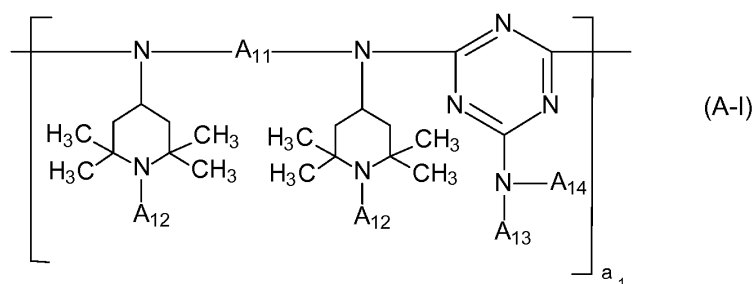


Claims:

1. An article in the form of a pipe, cable or geomembrane comprising polyethylene or polypropylene, and components A) and B), wherein component A) is a hindered amine
- 5 light stabilizer containing a triazine residue, component B) is magnesium hydroxide which is present in an amount of 0.01% to 5% by weight relative to the weight of the polyethylene or polypropylene, and the weight ratio of component A) to component B) is 1:50 to 50:1, with the proviso that component B) is not a hydrotalcite.
- 10 2. An article according to claim 1 wherein component A) is at least one compound of the formula (A-I), (A-II) or (A-III)



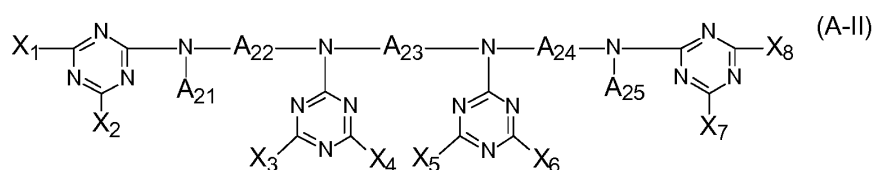
- 15 wherein A₁₁ is C₂-C₁₈alkylene, C₅-C₇cycloalkylene or C₁-C₄alkylenedi(C₅-C₇cycloalkylene), the radical A₁₂ is hydrogen, C₁-C₁₂alkyl or C₅-C₁₂cycloalkyl, A₁₃ and A₁₄ independently of one another are hydrogen, C₁-C₁₂alkyl, C₅-C₁₂cycloalkyl or a group of the formula (a-1),

20

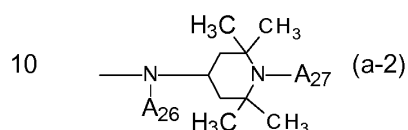


or the radicals A₁₃ and A₁₄, together with the nitrogen atom to which they are bonded, form a 5- to 10-membered heterocyclic ring and

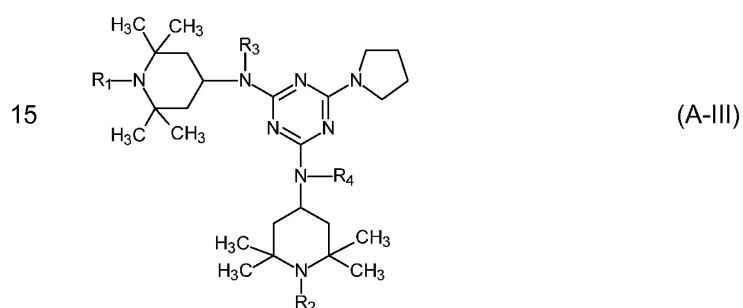
- 25 a₁ is a number from 1 to 20, preferably 2 to 20, and the repeating units are identical or different;



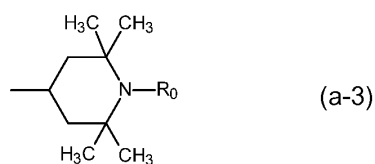
- wherein A₂₁ and A₂₅ independently of one another are hydrogen, C₁-C₁₂alkyl, C₅-C₁₂cycloalkyl or a group of the formula (a-1),
- A₂₂, A₂₃ and A₂₄ independently of one another are C₂-C₁₀alkylene, and
- X₁, X₂, X₃, X₄, X₅, X₆, X₇ and X₈ independently of one another are a group of the formula (a-2),



in which A₂₆ is hydrogen, C₁-C₁₂alkyl, C₅-C₁₂cycloalkyl or a group of the formula (a-1) as defined above, and A₂₇ has one of the meanings of A₁₂;



- wherein
- R₁ and R₂ independently of one another are hydrogen, C₁-C₂₂alkyl, -O-, -OH, -CH₂CN, C₁-C₁₈alkoxy, C₂-C₁₈alkoxy substituted by -OH; C₅-C₁₂cycloalkoxy, C₃-C₆alkenyl, C₃-C₆alkenyloxy, C₇-C₉phenylalkyl unsubstituted or substituted on the phenyl by 1, 2 or 3 C₁-C₄alkyl; or C₁-C₈acyl; and
- R₃ and R₄ independently of one another are C₁-C₂₂alkyl or a group of the formula (a-3)



wherein R_0 has one of the meanings of R_1 and R_2 .

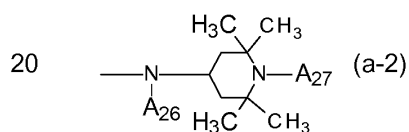
- 5 3. An article according to claim 2 wherein
 A_{11} is C_2 - C_{10} alkylene,
the radical A_{12} is hydrogen, C_1 - C_4 alkyl or cyclohexyl,
 A_{13} and A_{14} independently of one another are hydrogen, C_1 - C_4 alkyl, cyclohexyl or a
group of the formula (a-1),



or the radicals A_{13} and A_{14} , together with the nitrogen atom to which they are bonded,
form a morpholino group and

a_1 is a number from 1 to 10, preferably 2 to 10, and the repeating units are identical or
different;

- 15 A_{21} and A_{25} independently of one another are hydrogen, C_1 - C_4 alkyl or cyclohexyl,
 A_{22} , A_{23} and A_{24} independently of one another are C_2 - C_{10} alkylene, and
 X_1 , X_2 , X_3 , X_4 , X_5 , X_6 , X_7 and X_8 independently of one another are a group of the formu-
la (a-2),

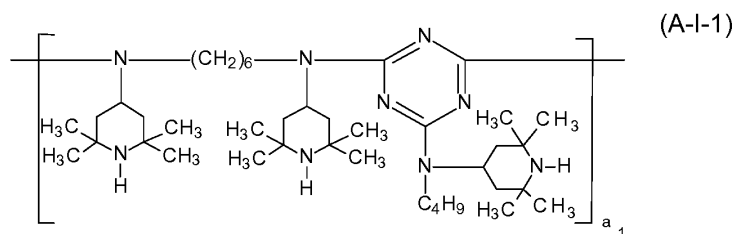


in which A_{26} is hydrogen, C_1 - C_4 alkyl, cyclohexyl or a group of the formula (a-1) as de-
fined above, and A_{27} has one of the meanings of A_{12} ;

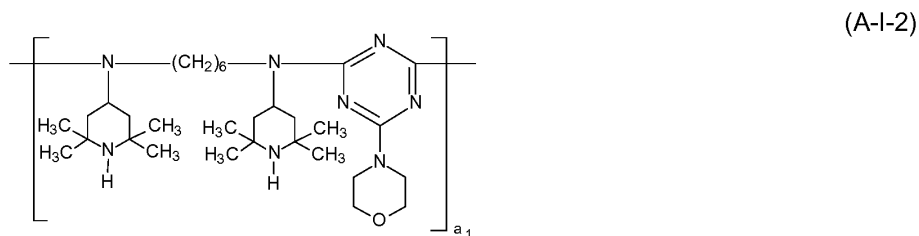
R_1 and R_2 independently of one another are hydrogen, C_1 - C_4 alkyl or cyclohexyl; and

- 25 R_3 and R_4 independently of one another are C_1 - C_{22} alkyl.

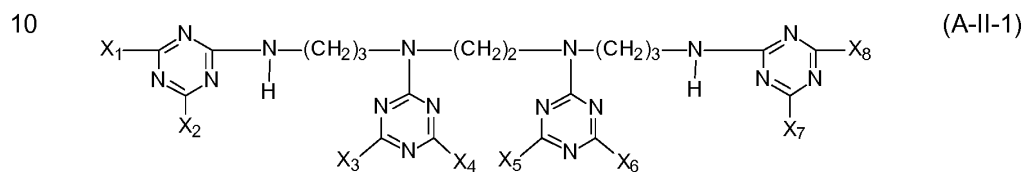
4. An article according to any of claims 1 to 3, wherein component A) is a compound of the formula (A-I-1), (A-I-2), (A-II-1) or (A-III-1),



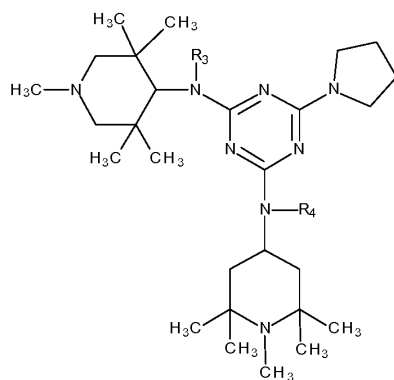
5 with a_1 being 2 to 10,



with a_1 being 2 to 10,



wherein X_1 , X_2 , X_3 , X_4 , X_5 , X_6 , X_7 and X_8 are the group



(A-III-1),

wherein R_3 and R_4 are C_1 – C_{22} alkyl.

5. An article according to any of claims 1 to 4, wherein Component B) has a mean particle size of 0.2 to 10 micrometres.

5

6. An article according to any of claims 1 to 5 additionally comprising a component C) which is 1,3,5-tris(3,5-di-tert-butyl-4-hydroxybenzyl)-2,4,6-trimethylbenzene, ethylene bis[3,3-bis(3-tert-butyl-4-hydroxyphenyl)butyrate] or 1,3,5-tris(3,5-di-tert-butyl-4-hydroxybenzyl)-isocyanurate.

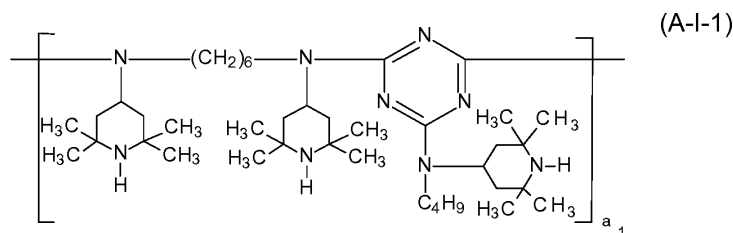
10

7. An article according to any of claims 1 to 6 additionally comprising a component D) which is tris(2,4-di-tert-butylphenyl) phosphite, [3,3',5,5'-tetra-tert. butyl-1,1'biphenyl-2,2'-diyl]-[3-(3-methyl-4-hydroxy-5-tert.butyl-phenyl)-propyl]-phosphite, [2,2'-ethylene-bis-(4,6-di-tert. butyl-phenyl)-1,1'-diyl]-[1,6-dimethyl-4-(5,7-di-tert. butyl)-3H-1-benzofuran-2-one]-phenyl]-phosphite, [2,2'-ethylene-bis-(4,6-di-tert. butyl-phenyl)-1,1'-diyl]-[1-methyl-6-tert. butyl-4-(5,7-di-tert. butyl)-3H-1-benzofuran-2-one)-phenyl]-phosphite, 6-[3-(3-tert-butyl-4-hydroxy-5-methylphenyl)propoxy]-2,4,8,10-tetra-tert-butyl-dibenzo[d,f][1,3,2]dioxaphosphepin, α -tocopherol, β -tocopherol, γ -tocopherol, δ -tocopherol, dioctadecylhydroxylamine or N,N-dialkylhydroxylamine derived from hydrogenated tallow amine.

20

8. An article according to any of claims 1 to 7, comprising as component (A) the compound of formula (A-I-1)

25



with a_1 being 2 to 10,

as component (C) 1,3,5-tris(3,5-di-tert-butyl-4-hydroxybenzyl)-2,4,6-trimethylbenzene, and

30 as component (D) tris[2,4-di-tert-butylphenyl]phosphite.

9. An article according to any of claims 1 to 8 comprising additionally a hydrotalcite.
10. An article according to any of claims 1 to 9, wherein the weight ratio of component A) to component B) is 1:10 to 10:1.
- 5 11. An article according to any of claims 1 to 10 which is in the form of a pipe or geomembrane.
12. An article according to claim 11, which is in contact with oxidizing media.
- 10 13. An article according to any of claims 1 to 12 which is in the form of a pipe.
14. An article according to claim 13 which is in contact with chlorinated water.
- 15 15. An article according to any of claims 1 to 14 comprising polyethylene.