

Title (en)

HIGHLY BRANCHED POLYMERIC STABILIZERS

Title (de)

HOCHVERZWEIGTE POLYMERE STABILISATOREN

Title (fr)

STABILISANTS POLYMERES HAUTEMENT RETICULES

Publication

**EP 1620493 A1 20060201 (DE)**

Application

**EP 04728342 A 20040420**

Priority

- EP 2004004173 W 20040420
- DE 10318584 A 20030424

Abstract (en)

[origin: WO2004094505A1] The invention relates to stabilizers which are synthesized from structural units (I) to (III), namely of: (I) a highly branched polymer with functional groups B serving as a highly branched anchor group; (II) one or more active substance groups, which protect plastics from damage caused by heat, UV radiation, oxidation, hydrolysis or mechanical action during processing, whereby the active substance groups are coupled to the anchor group via functional groups D, which can react with functional groups B; (III) optionally, one or more auxiliary groups, which modify the properties of the stabilizer, whereby the auxiliary groups are coupled to the anchor group via functional groups E, which can react with functional groups B.

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**C08G 83/00**

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CPC (source: EP)

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Citation (search report)

See references of WO 2004094505A1

Citation (examination)

- EP 1167413 A1 20020102 - BASF AG [DE]
- WO 9702304 A1 19970123 - BASF AG [DE], et al

Cited by

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