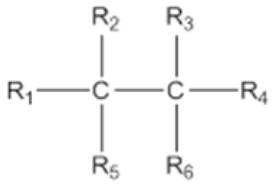
What is claimed is:

1. A process to form a composition comprising a functionalized ethylene-based polymer, the process comprising reacting a first composition comprising an ethylene-based polymer with at least the following:

(A) at least one carbon-carbon (C-C) free radical initiator of Structure I:



(Structure I),

wherein R_1, R_2, R_3, R_4, R_5 and R_6 are each, independently, hydrogen or a hydrocarbyl group; and

wherein,

(i) at least one of R_2 and R_5 is a hydrocarbyl group of at least two carbon atoms, and

(ii) at least one of R_3 and R_6 is a hydrocarbyl group of at least two carbon atoms; and,

(iii) optionally, two or more R groups (R_1, R_2, R_3, R_4, R_5 and R_6) form a ring structure; and

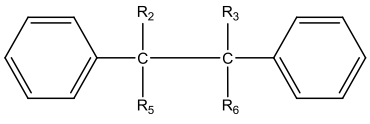
(B) at least one free radical initiator (a non-C-C free radical initiator) other than the carbon-carbon (C-C) free radical initiator of Structure I; and

(C) at least one functionalization agent**.**

2. The process of claim 1 wherein the first composition further comprises a secondary antioxidant.

3. The process of claim 1, wherein the ethylene-based polymer of the first composition is an ethylene/α-olefin copolymer.

4. The process of claim 1, wherein the C-C free-radical initiator is of Structure II:



(Structure II),

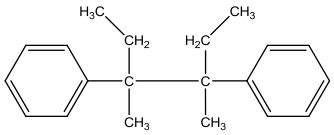
wherein R_2, R_3, R_5 and R_6 are each, independently, hydrogen or a hydrocarbyl group; and

wherein, optionally, two or more R groups (R_2, R_3, R_5 and R_6) form a ring structure; and with the provisos that (i) at least one of R_2 and R_5 is a hydrocarbyl group of at least two

carbon atoms, and (ii) at least one of R_3 and R_6 is a hydrocarbyl group of at least two carbon atoms.

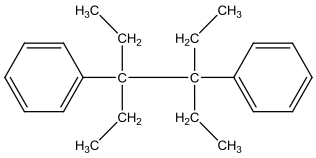
5. The process of claim 1, wherein the C-C free-radical initiator is selected from the group consisting of Structures III-VIII:

3,4-dimethyl-3,4-diphenyl hexane (Structure III)



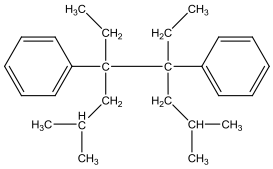
(Structure III);

3,4-diethyl-3,4-diphenyl hexane (Structure IV)



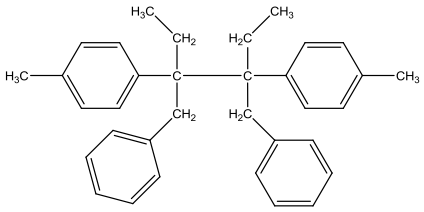
(Structure IV);

2,7-dimethyl-4,5diethyl-4,5-diphenyl octane (DBuDPH) (Structure V)



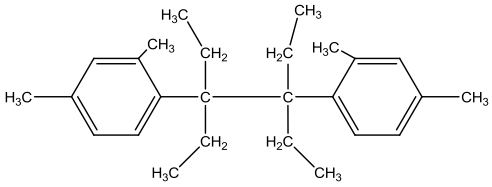
(Structure V);

3,4-dibenzyl-3,4-ditolyl hexane (DBnDTH) (Structure VI)



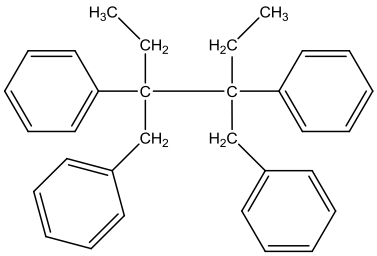
Structure VI;

3,4-diethyl-3,4-di(dimethylphenyl) hexane (Structure VII)



Structure VII; and

and, 3,4-dibenzyl-3,4-diphenyl hexane (Structure VIII)



Structure VIII.

6. The process of claim 1, wherein the C-C free-radical initiator has a decomposition temperature of greater than, or equal to, (≥) 125°C based on a DSC measurement.

7. The process of claim 1, wherein at least one of the non-C-C free radical initiators of (B) is one of the following: an inorganic or organic peroxide, an azo compound, a sulfur compound, or a halogen compound.

8. A composition comprising a functionalized ethylene-based polymer made by the process of claim 1.

9. The composition of claim 8, wherein the composition has a GI 200 gel content less than, or equal to, 12, as determined by the GI 200 test method with a film thickness of 76 ± 5 microns.

10. An article comprising at least one component formed from the composition of claim 9.