US009410060B2

(12) **United States Patent**
Long et al.

(10) **Patent No.: US 9,410,060 B2**
(45) **Date of Patent: *Aug. 9, 2016**

(54) **LOW RADIO FREQUENCY LOSS, STATIC DISSIPATIVE ADHESIVES**

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(*) Notice: Subject to any disclaimer, the term of this patent is extended or adjusted under 35 U.S.C. 154(b) by 21 days.

This patent is subject to a terminal disclaimer.

(21) Appl. No.: **14/610,206**

(22) Filed: **Jan. 30, 2015**

(65) **Prior Publication Data**

US 2015/0144848 A1 May 28, 2015

Related U.S. Application Data

(63) Continuation of application No. 12/397,804, filed on Mar. 4, 2009, now Pat. No. 8,980,992.

(51) **Int. Cl.**

C09J 9/02	(2006.01)
C09J 179/00	(2006.01)
C08K 3/04	(2006.01)
C09J 179/04	(2006.01)

(52) **U.S. Cl.**
CPC ... ***C09J 9/02*** (2013.01); ***C08K 3/04*** (2013.01); ***C09J 179/00*** (2013.01); ***C09J 179/04*** (2013.01)

(58) **Field of Classification Search**
CPC C09J 9/02; C09J 179/00; C08K 3/04
USPC 524/496
See application file for complete search history.

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(57) **ABSTRACT**

Low radio frequency loss, static dissipative adhesives are disclosed that have at most 2 percent by weight amorphous carbon dispersed in a cyanate ester resin. The adhesive has an electrical conductivity that dissipates static charge with an electrical resistivity of about 3.0×10^5 ohms to about 3.0×10^{10} ohms, and low radio frequency loss with a dielectric constant of about 1.3 to about 1.7 and a loss tangent of at most 0.006 measured at 2 gigahertz.

11 Claims, 2 Drawing Sheets