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(54) **MODIFIED HETEROPHASIC POLYOLEFIN COMPOSITION**

(71) Applicant: **MILLIKEN & COMPANY**, Spartanburg, SC (US)

(72) Inventors: **Joseph J. Peterson**, Simpsonville, SC (US); **Daike Wang**, Greer, SC (US); **Jason D. Sprinkle**, Woodruff, SC (US); **Scott R. Trenor**, Greenville, SC (US); **Suchitra Datta**, Spartanburg, SC (US); **Sanjeev K. Dey**, Spartanburg, SC (US); **Eduardo Torres**, Greer, SC (US)

(73) Assignee: **MILLIKEN & COMPANY**, Spartanburg, SC (US)

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CPC ***C08L 23/36*** (2013.01); ***C08K 5/005*** (2013.01); ***C08K 5/315*** (2013.01); ***C08L 23/10*** (2013.01); ***C08L 23/26*** (2013.01); *C08L 2205/02* (2013.01); *C08L 2207/02* (2013.01)

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See application file for complete search history.

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Primary Examiner — Nathan M Nutter

(74) *Attorney, Agent, or Firm* — Robert M. Lanning

(57) **ABSTRACT**

A heterophasic polymer composition comprises a propylene polymer phase, an ethylene polymer phase, and a compatibilizing agent. The compatibilizing agent comprises (i) an acyclic carbon-carbon double bond having a first carbon atom and a second carbon atom, (ii) an electron withdrawing group directly bonded to the first carbon atom in the acyclic carbon-carbon double bond, and (iii) a second carbon-carbon multiple bond in conjugation with the acyclic carbon-carbon double bond, wherein the second carbon-carbon multiple bond is linked to the acyclic carbon-carbon double bond through the second carbon atom.

28 Claims, 2 Drawing Sheets