



US010392537B2

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

(10) **Patent No.:** **US 10,392,537 B2**
(45) **Date of Patent:** **Aug. 27, 2019**

(54) **PROPYLENE POLYMER-BASED HOT MELT ADHESIVE COMPOSITION EXHIBITING FAST SET TIME AND ARTICLES INCLUDING THE SAME**

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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 15 days.

(21) Appl. No.: **15/638,866**

(22) Filed: **Jun. 30, 2017**

(65) **Prior Publication Data**

US 2018/0002578 A1 Jan. 4, 2018

Related U.S. Application Data

(60) Provisional application No. 62/357,584, filed on Jul. 1, 2016, provisional application No. 62/472,315, filed on Mar. 16, 2017.

(51) **Int. Cl.**

C09J 123/14 (2006.01)
C09J 9/00 (2006.01)
C09J 11/08 (2006.01)
C08L 23/14 (2006.01)
B32B 7/12 (2006.01)
C09J 123/08 (2006.01)
C09J 123/12 (2006.01)
C08L 23/08 (2006.01)
C08L 23/12 (2006.01)
C08L 91/06 (2006.01)

(52) **U.S. Cl.**

CPC **C09J 123/14** (2013.01); **B32B 7/12** (2013.01); **C08L 23/0815** (2013.01); **C08L 23/12** (2013.01); **C08L 23/14** (2013.01); **C08L 91/06** (2013.01); **C09J 9/00** (2013.01); **C09J 11/08** (2013.01); **C09J 123/0815** (2013.01); **C09J 123/12** (2013.01)

(58) **Field of Classification Search**

CPC .. **C09J 123/14**; **C09J 9/00**; **C09J 11/08**; **C08L 23/14**; **B32B 7/12**
USPC 524/515
See application file for complete search history.

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(57) **ABSTRACT**

A hot melt adhesive composition that includes at least 35% polymer, from about 15% by weight, to no greater than 75% by weight propylene polymer derived from at least 50% by weight propylene and from 0 mole % to about 37.5% by weight of an alpha-olefin comonomer other than propylene, the propylene polymer exhibiting a heat of fusion of from about 5 Joules per gram (J/g) to 60 J/g, from 5% by weight to about 50% by weight ethylene alpha-olefin copolymer derived from at least 50% by weight ethylene and at least one alpha-olefin comonomer having at least three carbon atoms, the ethylene alpha-olefin copolymer having a density of no greater than 0.90 g/cm³, and from 18% by weight to about 37% by weight of a wax component that exhibits a melting point greater than 80° C. and a heat of fusion of at least 200 J/g.

23 Claims, No Drawings