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Nowak et al.

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(54) **REPULPABLE, RECYCLABLE, COMPOSTABLE AND BIODEGRADABLE REINFORCEMENT ELEMENTS AND PAPER REINFORCED TAPES, AND CONTAINERS INCLUDING THE SAME**

(71) Applicant: **H.B. Fuller Company**, St. Paul, MN (US)

(72) Inventors: **Michael J. Nowak**, Vadnais Heights, MN (US); **Cynthia A. Stewart-Irvin**, Vancouver, WA (US); **Patrick D. Gleason**, Shoreview, MN (US)

(73) Assignee: **H.B. Fuller Company**, St. Paul, MN (US)

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This patent is subject to a terminal disclaimer.

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Primary Examiner — Patricia L. Nordmeyer

(74) *Attorney, Agent, or Firm* — Kristi Halloran; Kirsten Stone

(57) **ABSTRACT**

The paper reinforced tapes and reinforcement elements of this invention have improved repulpability, recyclability, compostability and biodegradability. Further, these reinforcement elements and paper reinforced tapes, despite being predominately paper, unexpectedly provide excellent container reinforcement properties and further can be used as opening tapes, closing tapes, tear tapes and carrying handles.

20 Claims, 8 Drawing Sheets

