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**Liao et al.**

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(54) **TREATMENT METHOD OF WASTE FABRIC  
CONTAINING POLYESTER FIBER AND  
ELASTIC FIBER**

(71) Applicant: **NAN YA PLASTICS  
CORPORATION**, Taipei (TW)

(72) Inventors: **Te-Chao Liao**, Taipei (TW); **Jung-Jen  
Chuang**, Taipei (TW); **Tzu-Huan  
Wong**, Hualien County (TW)

(73) Assignee: **NAN YA PLASTICS  
CORPORATION**, Taipei (TW)

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See application file for complete search history.

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*Primary Examiner* — Terressa Boykin  
(74) *Attorney, Agent, or Firm* — Li & Cai Intellectual  
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(57) **ABSTRACT**

A treatment method of waste fabric containing polyester  
fiber and elastic fiber is provided. The method includes the  
steps of using at least one polar solvent to perform at least  
a two-stage separation treatment on the waste fabric and  
recycling the waste fabric after the treatment. The at least  
one polar solvent is selected from the group consisting of  
dimethylformamide (DMF), dimethylacetamide (DMAC),  
N-methylpyrrolidone (NMP), gamma-butyrolactone (GBL),  
and dimethylsulfoxide (DMSO).

**11 Claims, 4 Drawing Sheets**