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(71) Applicants (for all designated States except US):  
**EXXONMOBIL CHEMICAL PATENTS, INC.** [US/US]; 13501 Katy Freeway, Houston, TX 77079 (US).  
**THE YOKOHAMA RUBER CO., LTD.** [JP/JP]; 36-11, Shimbashi 5-chome, Minato-ku, Tokyo, 105-8685 (JP).

(72) Inventors; and

(75) Inventors/Applicants (for US only): **TSOU, Andy, Haishung** [US/US]; 3007 Prairie Knoll Court, Houston, TX 77059 (US). **SOEDA, Yoshihiro** [JP/JP]; The Yokohama Rubber CO., LTD., Hiratsuka Factory, 2-1, Oiwake, Hiratsuka-shi, Kanagawa, 254-8601 (JP). **HARA, Yuichi**

[JP/JP]; The Yokohama Rubber CO. LTD., Hiratsuka Factory, 2-1, Oiwake, Hiratsuka-shi, Kanagawa, 254-8601 (JP). **MEASMER, Matthew, Brian** [US/US]; 506 Galway Drive, Deer Park, TX 77536 (US).

(74) Agent: **CHENG, Lee**; Rader, Fishman & Grauer PLLC, 1233 20th Street, N.W., Suite 501, Washington, DC 20036 (US).

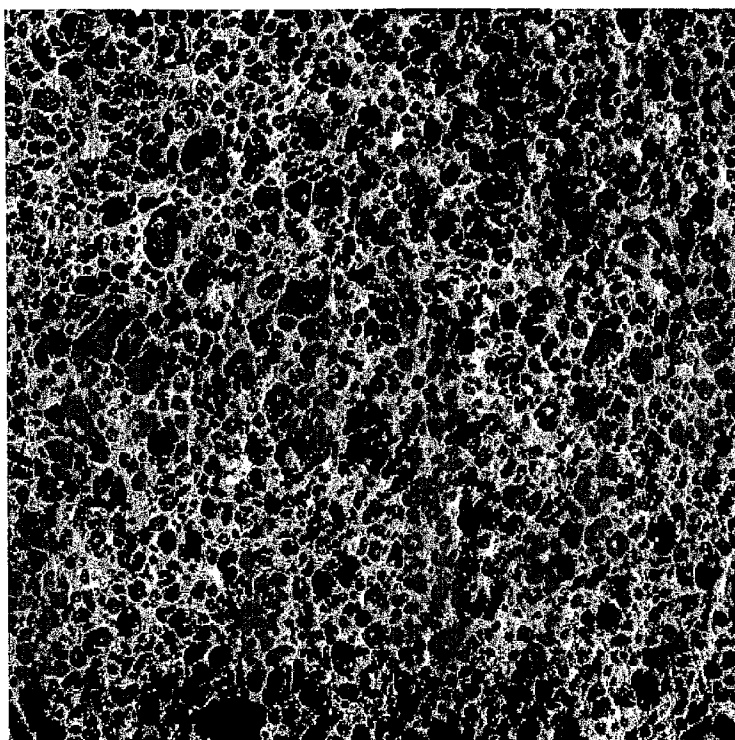
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(54) Title: THERMOPLASTIC ELASTOMER COMPOSITION AND PROCESS FOR PRODUCING SAME

**20 micron by 20 micron AFM Image of Example 13**  
(Light phase: Nylon; dark particulate phase: BIMS)



(57) Abstract: A thermoplastic elastomer composition having excellent durability and flexibility while possessing superior air impermeability. In particular, a process for producing a thermoplastic elastomer composition having high rubber content by multistage addition of at least one vulcanizable rubber component, in which the time required to substantially cure the at least one rubber component preferably is less the mixer residence time. Such compositions are particularly useful in applications such as tire innerliners and barrier films or layers.

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