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(54) Title: METHOD OF MAKING ELECTRET ARTICLES BASED ON ZETA POTENTIAL

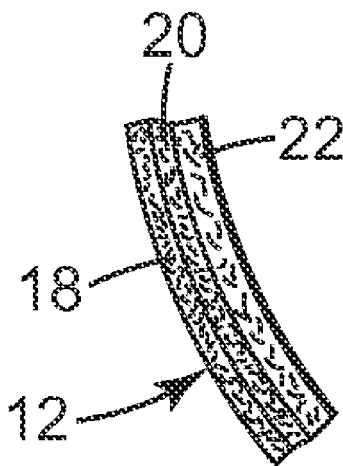


Fig. 2

(57) Abstract: A method of making an electret article, from a polymeric article that has a zeta potential of greater than or less than -7.5 millivolts. The article is charged by contacting it with an aqueous liquid that has a pH and conductivity as follows: (i) if the article has a zeta potential of -7.5mV or less, then the contacting liquid has pH greater than 7 and a conductivity of 5 to 9,000 microSiemens per centimeter; and (ii) if the article has a zeta potential of greater than -7.5mV, then the contacting liquid has a pH of 7 or less and a conductivity of 5 to 5,500 microSiemens per centimeter. An electret article made in this manner can provide improved electret performance, particularly in electret filtration articles.



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