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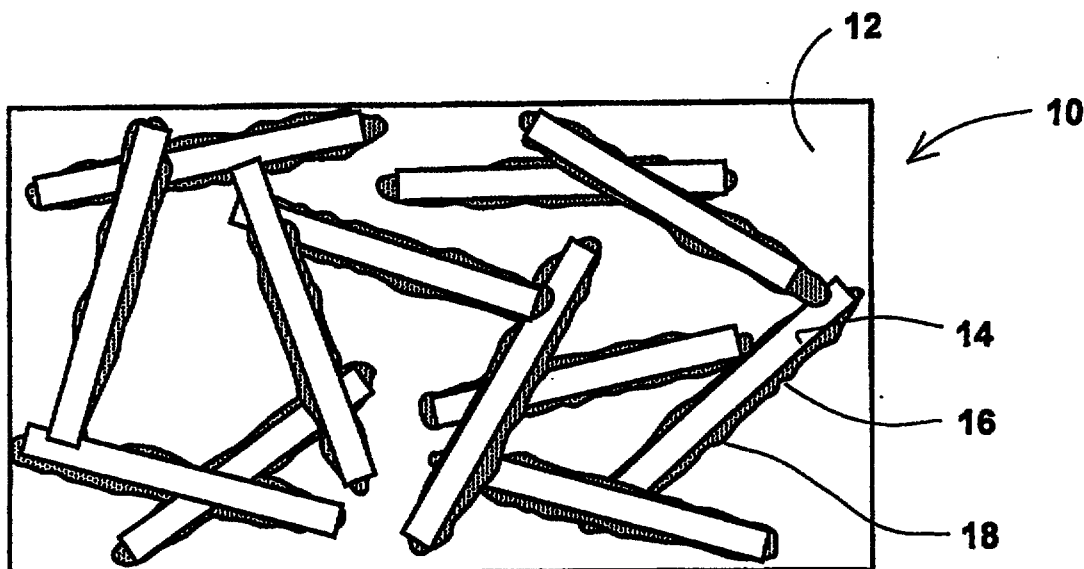
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(54) Title: ELECTRICALLY CONDUCTIVE COMPOSITIONS AND METHODS FOR PRODUCING SAME



(57) Abstract

An electrically conductive composition (10) and a method for producing same, for example by injection molding. The composition includes a matrix comprising substantially a first thermoplastic component (12), a second thermoplastic component (16) having a higher polarity than that of the first thermoplastic component, the second thermoplastic component encapsulating a plurality of fibers (14) forming a network of encapsulated fibers within the matrix, and a carbon component (18) preferentially attracted to the second component so as to make said network and electrically conductive network within the matrix.