

Title (en)

ARTICLES INCLUDING MULTI-COMPONENT FIBERS AND PARTICLES AND METHODS OF MAKING AND USING THE SAME

Title (de)

ARTIKEL MIT MEHRKOMPONENTENFASERN UND TEILCHEN SOWIE VERFAHREN ZU IHRER HERSTELLUNG UND VERWENDUNG

Title (fr)

ARTICLES COMPRENANT DES FIBRES MULTICOMPOSÉES ET DES PARTICULES ET LEURS PROCÉDÉS DE FABRICATION ET D'UTILISATION

Publication

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Application

EP 12807791 A 20120705

Priority

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- US 2012045492 W 20120705

Abstract (en)

[origin: WO2013006667A1] An article including multi-component fibers and particles is disclosed. The multi-component fibers include at least a first polymeric composition and a second polymeric composition, are adhered together, and are non-fusing at a temperature of at least 110 °C. At least a portion of the external surfaces of the multi-component fibers includes the first polymeric composition. Particles are adhered or directly attached to the first polymeric composition on the external surfaces of at least some of the multi-component fibers along their lengths. The particles include at least one of activated carbon, superabsorbent polymer particles, and abrasive particles. In some embodiments, the particles are distributed throughout the thickness of a web of the multi-component fibers. A method of making the articles is also disclosed.

IPC 8 full level

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Citation (search report)

- [XII] EP 0666095 A1 19950809 - HOECHST CELANESE CORP [US]
- [XII] US 3998988 A 19761221 - SHIMOMAI AKIRO, et al
- [A] US 3401491 A 19680917 - SCHNABEL HERBERT W, et al
- See references of WO 2013006667A1

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