

Title (en)
LIQUID FILTRATION SYSTEMS

Title (de)
FLÜSSIGKEITSFILTRIERSYSTEME

Title (fr)
SYSTÈMES DE FILTRATION DE LIQUIDES

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Application
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Abstract (en)
[origin: WO2009021028A2] Provided are filter elements and methods of making and using the same where the filter elements are suitable for liquid filtration and contain a particle- loaded meltblown fiber web. A filter element comprises: a porous article comprising a web of self-supporting nonwoven polymeric fibers and a plurality of sorbent particles enmeshed in the web, the article comprising a first surface and a second surface; a liquid- impermeable housing surrounding the porous article; an inlet in fluid communication with the first surface; and an outlet in fluid communication with the second surface. A plurality of layers of the web of self-supporting nonwoven polymeric fibers may be used to the porous article. Spiral-wound webs, web-covered blocks, and stacked disks of webs are also provided.

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