

Title (en)

FILTER MEDIA INCLUDING ADHESIVES AND/OR OLEOPHOBIC PROPERTIES

Title (de)

FILTERMEDIEN MIT KLEBSTOFFEN UND/ODER OLEOPHOBEN EIGENSCHAFTEN

Title (fr)

MILIEUX FILTRANTS COMPRENANT DES ADHÉSIFS ET/OU DES PROPRIÉTÉS OLÉOPHOBES

Publication

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Application

EP 18776179 A 20180328

Priority

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Abstract (en)

[origin: WO2018183481A1] Articles and methods involving filter media are generally provided. In certain embodiments, the filter media includes at least a first layer, a second layer, and an adhesive resin positioned between the first layer and the second layer. In some embodiments, the first layer may be a pre-filter layer or a support layer. The second layer may, for example, comprise fibers formed by a solution spinning process and/or may comprise fine fibers. In some embodiments, the adhesive resin may be present in a relatively low amount and/or may have a low glass transition temperature. The filter media as a whole may have one or more advantageous properties, including one or more of a high stiffness, a high bond strength between the first layer and the second layer, a high gamma, and/or a low increase in air resistance after being subjected to an IPA vapor discharge. The filter media may be, for example, a HEPA filter and/or an ULPA filter.

IPC 8 full level

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