

Title (en)

FILTER ELEMENT HAVING AT LEAST ONE MAT-TYPE OR SHEET-TYPE FILTER WEB

Title (de)

FILTERELEMENT MIT MINDESTENS EINER MATTEN- ODER SCHICHTFÖRMIGEN FILTERBAHN

Title (fr)

ÉLÉMENT DE FILTRATION COMPORTANT AU MOINS UNE BANDE DE FILTRATION EN MATS OU EN COUCHES

Publication

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Application

EP 12700608 A 20120117

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Abstract (en)

[origin: WO2012097973A1] A filter element is disclosed having at least one mat-type or sheet-type filter web (3), which forms by its outside (5) at least in part a filter jacket (7) that is closed on the peripheral side, wherein along the outside (5) of the filter jacket (7) a surface configuration or modification takes place in such a manner that structures (11) that are delimited from the remaining surface (9) of the filter web (3), are joined to the filter jacket (7) and are of presettable contour and/or thickness are created, wherein the structures (11) are generated by spray-fibre application and shaping, in such a manner that in time sequence, first the structures (11) and then the filter jacket (7), or in reverse order in time sequence, first the filter jacket (7) and then the structures (11), or that simultaneously both the filter jacket (7) and the structures (11) are formed in negative or positive shape on the filter jacket (7). In addition, the production of the filter element and also a shaping device used in this production process are disclosed.

IPC 8 full level

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Citation (search report)

See references of WO 2012097973A1

Citation (examination)

- EP 2058033 A1 20090513 - EATON CORP [US]
- US 3222725 A 19651214 - SMITH MILLARD F

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