

Title (en)

LAYER FOR USE IN A HEPA FILTER ELEMENT

Title (de)

LAGE ZUR VERWENDUNG IN EINEM HEPA-FILTERELEMENT

Title (fr)

COUCHE UTILISABLE DANS UN ÉLÉMENT-FILTRE HEPA

Publication

EP 2131941 A1 20091216 (DE)

Application

EP 07866229 A 20071203

Priority

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- DE 102007011365 A 20070307

Abstract (en)

[origin: WO2008107006A1] A layer for use in a HEPA filter element solves the problem of disclosing a filter element which satisfies HEPA requirements. Said layer comprises a first support layer (1) for stabilization which contains polypropylene fibers, and a second deposition layer (2) which contains polypropylene fibers, wherein the polypropylene fibers of the deposition layer (2) are at least partially electrostatically charged, and wherein the support layer (1) and the deposition layer (2) are constructed as nonwoven material which is at least partially free of glass fiber. The layer according to the invention can be easily pleated while having excellent filter efficiency.

IPC 8 full level

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CPC (source: EP US)

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Citation (search report)

See references of WO 2008107006A1

Designated contracting state (EPC)

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