

Title (en)

Process for the manufacturing of filter materials.

Title (de)

Verfahren zur Herstellung von Filtermaterialien.

Title (fr)

Procédé pour la préparation de matériaux filtrants.

Publication

EP 0041205 A1 19811209 (DE)

Application

EP 81103970 A 19810523

Priority

DE 3020333 A 19800529

Abstract (en)

1. A process for making filter materials for oil and air filters of internal combustion engines by impregnating a porous cellulose-based paper substrate with a dispersion of at least one resin and/or monomer which can be hardened by electron beam irradiation and subsequently hardening with electron beam irradiation, characterised in that the impregnation is conducted on a paper web in the paper-making machine with an aqueous emulsion having a resin and/or monomer content of 15 to 70 weight %, wherein the paper web consists predominantly of long-fibred cellulose which has a low beating degree of 13 to 15 SR degrees.

Abstract (de)

Verfahren zur Herstellung von imprägnierten Papieren, insbesondere von porösen Papieren zur Weiterverarbeitung zu Filtern für Verbrennungsmaschinen und dergleichen, bei dem in der Papiermaschine die Papierbahn einer Imprägnierung mit einer wässrigen Emulsion mindestens eines durch energiereiche Strahlung härtbaren Harzes und/oder Monomeren unterworfen und die imprägnierte Papierbahn anschließend einer elektronischen Strahlungshärtung unterzogen wird.

IPC 1-7

D21D 3/00

IPC 8 full level

D21H 17/19 (2006.01); **D21H 25/06** (2006.01); **D21H 27/08** (2006.01)

CPC (source: EP)

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Citation (search report)

- FR 1359241 A 19640424
- DE 1031118 B 19580529 - WIPAC DEV LTD
- FR 2241384 A1 19750321 - COMMISSARIAT ENERGIE ATOMIQUE [FR]

Cited by

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DOCDB simple family (publication)

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