

Title (en)

METHOD AND DEVICE FOR PRODUCING A COMPOSITE NONWOVEN FOR RECEIVING AND STORING LIQUIDS

Title (de)

VERFAHREN UND VORRICHTUNG ZUR HERSTELLUNG EINES KOMPOSITVLIESES ZUR AUFNAHME UND SPEICHERUNG VON FLÜSSIGKEITEN

Title (fr)

PROCEDE ET DISPOSITIF POUR PRODUIRE UN NON-TISSE COMPOSITE SERVANT A ABSORBER ET A RETENIR DES LIQUIDES

Publication

EP 1210474 B1 20040922 (DE)

Application

EP 00949462 A 20000805

Priority

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- EP 0007621 W 20000805

Abstract (en)

[origin: DE19938809A1] A composite non-woven is made by first preparing (1,2,3,4) a carrier layer and consolidating it with water jets (6). A layer of micro-fibers obtained by melt-blowing (7) is then deposited on it before the absorbent layer of cellulose fibers, e.g. woodpulp fibers, is air-laid (8) on it. A covering layer can be added, the structure again consolidated by water jets and then dried.

IPC 1-7

D04H 1/46; **D04H 1/56**; **D04H 5/02**; **D04H 1/42**; **D04H 3/10**; **D04H 13/00**

IPC 8 full level

D04H 1/26 (2012.01); **D04H 1/4374** (2012.01); **D04H 1/492** (2012.01); **D04H 1/498** (2012.01); **D04H 1/56** (2006.01); **D04H 1/732** (2012.01); **D04H 1/736** (2012.01); **D04H 1/74** (2006.01); **D04H 3/16** (2006.01); **D04H 5/03** (2012.01); **D04H 5/08** (2012.01); **D04H 13/00** (2006.01)

CPC (source: EP KR US)

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Cited by

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US 6836937 B1 20050104; AT E277213 T1 20041015; BR 0013422 A 20020709; BR 0013422 B1 20110809; CA 2382186 A1 20010301; CA 2382186 C 20071016; CN 1258019 C 20060531; CN 1376224 A 20021023; DE 19938809 A1 20010222; DE 50007929 D1 20041028; DK 1210474 T3 20050124; EA 003492 B1 20030626; EA 200200264 A1 20020829; EP 1210474 A1 20020605; EP 1210474 B1 20040922; ES 2228585 T3 20050416; IL 148219 A0 20020912; IL 148219 A 20061210; JP 2003507597 A 20030225; KR 100712363 B1 20070502; KR 20030023599 A 20030319; WO 0114624 A1 20010301

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