

Title (en)

Method of producing a nonwoven material

Title (de)

Verfahren zur Herstellung eines Vliesstoffes

Title (fr)

Méthode de fabrication d'un nontissé

Publication

**EP 1215325 A1 20020619 (EN)**

Application

**EP 01850205 A 20011207**

Priority

SE 0004687 A 20001218

Abstract (en)

Method for producing a nonwoven material comprising at least one layer of continuous filaments, such as spunbond- or meltblown fibres. A first web of continuous filaments (19) are laid on a wire (14) or other permeable support member having a resilient extensibility in the transverse direction and which substantially resumes its original dimension when the extension is discontinued, that the wire is stretched in the transverse direction to at least 120% of its original width when the continuous filaments are laid on the wire. The stretching is discontinued after the continuous filaments have been laid on the wire. <IMAGE>

IPC 1-7

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IPC 8 full level

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Citation (search report)

- [AD] WO 9922059 A1 19990506 - SCA HYGIENE PROD AB [SE], et al
- [A] EP 0814189 A1 19971229 - NIPPON PETROCHEMICALS CO LTD [JP], et al
- [A] EP 0831052 A1 19980325 - MITSUBISHI HEAVY IND LTD [JP]
- [A] DE 2025371 A1 19711202
- [A] US 3465689 A 19690909 - AYRES ROBERT UNDERWOOD, et al

Cited by

CN114474889A; CN102325932A; AU2004317213B2; EP1424425A1; AU2003289897B2; CN100465366C; US2017022667A1; US9822487B2; US6802353B2; US7422660B2; US7331091B2; US8597452B2; WO2004048667A1; WO2005042825A1; WO2005087997A1; WO2005059218A1; WO2017083912A1

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