

Title (en)

Method and apparatus for perforating non-woven webs

Title (de)

Verfahren sowie Vorrichtung zum Perforieren einer Vliesstoffbahn

Title (fr)

Procédé et dispositif de perforation d'une nappe non tissée

Publication

**EP 1172188 B1 20021002 (FR)**

Application

**EP 01116915 A 20010711**

Priority

- FR 0009114 A 20000712
- FR 0009106 A 20000712

Abstract (en)

[origin: EP1172188A1] The procedure consists of passing the sheet material (N) between a perforated cylinder (2) and a roller (4) with spring-loaded perforating fingers (9). The cylinder's perforations are formed by a series of detachable inserts (8) with holes in their flat outer surfaces (S) having sharp edges (8g), while the roller's fingers are designed to rotate as they interact with the perforations, shearing the fibres of the sheet material.

IPC 1-7

**B26F 1/02**; **B26F 1/08**; **B26D 7/26**; **B26F 1/10**; **B26F 1/14**; **B26F 1/16**

IPC 8 full level

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CPC (source: EP US)

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Cited by

CN105014743A; CN102825440A; EP3670122A1; ITFE20100008A1; CN111360699A; US7858544B2; US8093163B2; US8410007B2; US8510922B2

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