

Title (en)

Process for making nonwoven fabrics by bonding organic fibers.

Title (de)

Verfahren zur Herstellung nicht-gewebter Stoffe durch Bindung organischer Fasern.

Title (fr)

Procédé de fabrication d'étoffes non-tissées par liage de fibres organiques.

Publication

EP 0013127 A1 19800709 (EN)

Application

EP 79302960 A 19791219

Priority

US 97218478 A 19781221

Abstract (en)

A nonwoven fabric is prepared by simultaneously heating and compressing a nonwoven web of organic fibers which contains a bonding quantity of water as defined in the description. Compressive force and temperature and time of web exposure thereto are correlated to provide a wash stable fabric, but the correlation is such that wash stable bonding of an otherwise dry web is not obtained. A "dry" web is one containing equilibrium water content at 65% relative humidity at 22 DEG C.

IPC 1-7

D04H 1/54; **D04H 3/14**

IPC 8 full level

D04H 1/54 (2012.01); **D04H 3/14** (2012.01)

CPC (source: EP)

D04H 1/542 (2013.01); **D04H 1/552** (2013.01); **D04H 3/14** (2013.01)

Citation (search report)

- GB 618178 A 19490217 - BRITISH CELANESE
- FR 2299437 A1 19760827 - JAPAN VILENE CY LTD [JP]
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- FR 2348301 A1 19771110 - MONSANTO CO [US]
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EP 0013127 A1 19800709; **EP 0013127 B1 19820728**; BR 7908367 A 19800722; CA 1140406 A 19830201; DE 2963458 D1 19820916; JP S5584460 A 19800625

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EP 79302960 A 19791219; BR 7908367 A 19791220; CA 342398 A 19791220; DE 2963458 T 19791219; JP 16490879 A 19791220