

Title (en)
NON-WOVEN MATERIAL CONTAINING WOOL.

Title (de)
WOLLE ENTHALTENDES NICHT-GEWEBTES MATERIAL.

Title (fr)
TEXTILE NON TISSE CONTENANT DE LA LAINE.

Publication
EP 0359747 A4 19900123 (EN)

Application
EP 88903143 A 19880408

Priority
AU PI137087 A 19870410

Abstract (en)
[origin: WO8808049A1] A method of forming a non-woven material includes blending both synthetic and wool fibres in a web, and stabilising the web by utilising a bonding medium to form dispersed bonds between the fibres. The wool fibres are subjected before formation of the web to a pretreatment effective to modify the epicuticle of the wool so as to substantially increase the surface energy of the wool fibres without destroying their integrity to an extent sufficient for the wool fibres to accept the bonding medium in the web. The dispersed bonds thereby include bonds with wool fibres substantially effective to hold the wool fibres of the material in the web.

IPC 1-7
D04H 1/54; **D04H 1/58**; **D06M 3/08**

IPC 8 full level
D06M 11/00 (2006.01); **D04H 1/42** (2006.01); **D04H 1/54** (2006.01); **D04H 1/58** (2006.01); **D06M 10/00** (2006.01); **D06M 11/09** (2006.01); **D06M 11/30** (2006.01); **D06M 11/50** (2006.01); **D06M 101/00** (2006.01); **D06M 101/02** (2006.01); **D06M 101/10** (2006.01); **D06M 101/12** (2006.01); **D06M 101/16** (2006.01); **D06M 101/30** (2006.01); **D06M 101/32** (2006.01)

CPC (source: EP KR)
D04H 1/4258 (2013.01 - KR); **D04H 1/58** (2013.01 - KR); **D06M 10/00** (2013.01 - EP); **D06M 11/30** (2013.01 - EP); **D06M 11/50** (2013.01 - EP)

Citation (search report)

- [A] US 3883300 A 19750513 - MOORE CLYDE T, et al
- [A] US 3642972 A 19720215 - NEEDLES HOWARD L, et al
- See references of WO 8808049A1

Designated contracting state (EPC)
AT BE CH DE FR GB IT LI LU NL SE

DOCDB simple family (publication)
WO 8808049 A1 19881020; EP 0359747 A1 19900328; EP 0359747 A4 19900123; JP H02503014 A 19900920; KR 890700712 A 19890426; NZ 224193 A 19901026

DOCDB simple family (application)
AU 8800100 W 19880408; EP 88903143 A 19880408; JP 50328888 A 19880408; KR 880701637 A 19881210; NZ 22419388 A 19880408