

Title (en)  
A NATURAL FIBER PRODUCT COATED WITH A THERMOPLASTIC BINDER MATERIAL

Publication  
**EP 0464146 A4 19920708 (EN)**

Application  
**EP 90905896 A 19900320**

Priority  
US 32619689 A 19890320

Abstract (en)  
[origin: WO9011171A1] Discontinuous natural fibers have a coating of a thermoplastic binder. A substantial majority of the fibers and any fiber bundles are unbonded to one another by the thermoplastic binder material. One or more solid particulate materials may be adhered to the fibers by the binder material. The binder material is heat fusible and the coated fibers can be mixed with other fibers for subsequent heat bonding and used in producing a wide variety of products.

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**B27K 3/00**

IPC 8 full level  
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CPC (source: EP)  
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Citation (search report)  
• [Y] DE 2023659 A1 19711125  
• [Y] US 2601597 A 19520624 - DANIEL JR JOHN H, et al  
• [A] EP 0247539 A1 19871202 - AIR PROD & CHEM [US]  
• [AD] US 4160059 A 19790703 - SAMEJIMA TADANORI  
• See references of WO 9011171A1

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

DOCDB simple family (publication)  
**WO 9011171 A1 19901004**; AU 5357990 A 19901022; CA 2012524 A1 19900920; EP 0464146 A1 19920108; EP 0464146 A4 19920708; JP H04504235 A 19920730

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