

Title (en)  
Paper-making felt and process for making the same

Title (de)  
Maschinenfilz sowie Verfahren zu dessen Herstellung

Title (fr)  
Feutre pour papeterie et son procédé de fabrication

Publication  
**EP 0947627 B2 20061004 (DE)**

Application  
**EP 99105226 A 19990313**

Priority  
DE 19814473 A 19980401

Abstract (en)  
[origin: EP0947627A1] Two layers sharing common long fibers pass over both sides of the inlay and secure it at the ends which have belt-joining eyes (9,10). An Independent claim is included for the corresponding method of manufacture. PREFERRED FEATURES:- The layers are formed by a turned-over double length, forming a module (3) enclosing the inlay (2). The long fiber layer alternatively forms a tube enclosing the inlay. Multiple layered constructions are described, having coupling eyes at the ends formed by long fibers. A transverse layer is applied onto at least one longitudinal layer. The inlay has a transverse fiber layer, and may be multilayered. The inlay has a fiber or long-fiber layer. The inlay includes a fabric, knit, fibrous mesh and/or a perforated sheet. The long fiber layers are secured by needling of the fiber layers.

IPC 8 full level  
**D21F 7/08** (2006.01); **D21F 7/10** (2006.01)

CPC (source: EP KR US)  
**D21F 7/08** (2013.01 - KR); **D21F 7/083** (2013.01 - EP US); **D21F 7/10** (2013.01 - EP US); **Y10T 442/50** (2015.04 - EP US)

Citation (opposition)  
Opponent :  
US 5015220 A 19910514 - LEGGE ROBERT W [US], et al

Cited by  
EP2128335A1; DE202022101466U1; US6630223B2; US8083898B2; EP2067896A1

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

DOCDB simple family (publication)  
**EP 0947627 A1 19991006; EP 0947627 B1 20011010; EP 0947627 B2 20061004**; AT E206782 T1 20011015; BR 9901198 A 20000229; CA 2267638 A1 19991001; CA 2267638 C 20060425; DE 19814473 A1 19991007; DE 59900300 D1 20011115; ES 2163908 T3 20020201; ES 2163908 T5 20070501; ID 22368 A 19991007; KR 100319014 B1 20020104; KR 19990082798 A 19991125; PT 947627 E 20020429; US 6283165 B1 20010904; ZA 992475 B 19991005

DOCDB simple family (application)  
**EP 99105226 A 19990313**; AT 99105226 T 19990313; BR 9901198 A 19990331; CA 2267638 A 19990331; DE 19814473 A 19980401; DE 59900300 T 19990313; ES 99105226 T 19990313; ID 999902 A 19990401; KR 19990011134 A 19990331; PT 99105226 T 19990313; US 26899399 A 19990316; ZA 992475 A 19990331