

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