

Title (en)  
MULTIPLE LAYER FORAMINOUS BELTS WITH FUGITIVE TIE YARNS

Title (de)  
MEHRLAGIGES PERFORIERTES BAND MIT ENTFERNBAREN VERBINDUNGSGARNEN

Title (fr)  
BANDES PERFOREES MULTICOUCHE A FILS DE LIAISON FUGACE

Publication  
**EP 1015684 B1 20060222 (EN)**

Application  
**EP 98940518 A 19980917**

Priority  
• IB 9801442 W 19980917  
• US 93732697 A 19970918

Abstract (en)  
[origin: WO9914425A1] A belt (10) for supporting a cellulosic fibrous structure in a papermaking process. The belt comprises a reinforcing structure (12) having two layers (16, 18), a web contacting first layer and a machine facing second layer and a pattern layer (30) comprised of a cured photosensitive resin, the pattern layer having a plurality of conduits (44) therethrough. The two layers are joined together by either integral or adjunct tie yarns (322) at least a portion of the tie yarns which lies within the conduits being removable after the photosensitive resin has been cured. A method for producing such belts is also disclosed.

IPC 8 full level  
**D21F 1/00** (2006.01); **D21F 7/08** (2006.01); **D21F 11/00** (2006.01)

CPC (source: EP KR)  
**D21F 11/006** (2013.01 - EP KR)

Designated contracting state (EPC)  
AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU NL PT SE

DOCDB simple family (publication)  
**WO 9914425 A1 19990325**; AT E318341 T1 20060315; AU 740001 B2 20011025; AU 8882198 A 19990405; BR 9812819 A 20000808; CA 2304075 A1 19990325; CN 1278879 A 20010103; DE 69833555 D1 20060427; DE 69833555 T2 20061005; EP 1015684 A1 20000705; EP 1015684 B1 20060222; JP 2001516819 A 20011002; KR 20010024095 A 20010326

DOCDB simple family (application)  
**IB 9801442 W 19980917**; AT 98940518 T 19980917; AU 8882198 A 19980917; BR 9812819 A 19980917; CA 2304075 A 19980917; CN 98811098 A 19980917; DE 69833555 T 19980917; EP 98940518 A 19980917; JP 2000511953 A 19980917; KR 20007002845 A 20000317