

Title (en)  
BLISTER FABRICS WITH INTERNAL CONNECTING ELEMENTS

Title (de)  
CLOQUÉ MIT INTERNEN VERBINDUNGSELEMENTEN

Title (fr)  
CLOQUES A ELEMENTS DE RACCORDEMENT INTERNES

Publication  
**EP 1583856 B1 20101208 (EN)**

Application  
**EP 03779253 A 20031024**

Priority  

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- US 29847502 A 20021115
- US 31909702 A 20021213
- US 45441603 A 20030604

Abstract (en)  
[origin: WO2004046437A1] A blister fabric (740) of a knit or woven construction may be needle punched to produce internal connections of filaments or fibers (741, 746) from yarns extending into, and/or between, the yarns of an adjacent layer. Interconnections of fibers among separate layers are produced by needles which enter a first layer and then carry fibers from the first layer to a second adjacent layer within the blister of the fabric. Such interconnected fibers which bridge or span multiple layers in the fabric serve to strengthen the blister fabric, making the fabric more resistant to abrasive forces.

IPC 8 full level  
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