

Title (en)  
MULTIPLE COMPONENT SPUNBOND WEB AND LAMINATES THEREOF

Title (de)  
MULTIKOMPONENTENFASER-SPINNVLIES UND LAMINATE DARAUS

Title (fr)  
VOILE FILE-LIE A COMPOSANTS MULTIPLES ET STRATIFIES ASSOCIES

Publication  
**EP 1516082 B1 20090819 (EN)**

Application  
**EP 02744654 A 20020626**

Priority  
US 0220261 W 20020626

Abstract (en)  
[origin: WO2004003278A1] A spunbond nonwoven fabric is provided which is formed from continuous multiple component filaments which include a polyester component and a polyethylene component. The polyethylene component is a blend of high density polyethylene and a first linear low density polyethylene. The spunbond filaments are preferably formed in a sheath-core configuration with the polyester component in the core and the polyethylene component in the sheath. Composite sheets are provided which include the multiple component spunbond layer and a meltblown layer, wherein the meltblown fibers include a second linear low density polyethylene. The linear low density polyethylenes are preferably formed by polymerization of ethylene with an alpha-olefin co-monomer, where the same co-monomer is used in each of the first and second linear low density polyethylenes.

IPC 8 full level  
**D04H 3/16** (2006.01); **B32B 5/26** (2006.01); **D04H 3/007** (2012.01); **D04H 3/147** (2012.01); **D04H 13/00** (2006.01)

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