

Title (en)
CONSOLIDATED FIBROUS STRUCTURE

Title (de)
VERFESTIGTES FASERGEBILDE

Title (fr)
STRUCTURE FIBREUSE CONSOLIDÉE

Publication
EP 2382343 A1 20111102 (EN)

Application
EP 09796157 A 20091221

Priority
• US 2009006624 W 20091221
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Abstract (en)
[origin: WO2010087811A1] A consolidated fibrous structure including a multiplicity of fibrous layers. The fibers of each fibrous layer contain a core and a skin layer. The core has an exterior surface portion containing polypropylene. The skin layer is disposed on at least a portion of the core and contains a first polymer and a second polymer. At least a portion of the skin layers of the fibers in each fibrous layer are fused to at least a portion of other skin layers of fibers within the same fibrous layer, at least a portion of the skin layers of the fibers of each fibrous layer are fused with at least a portion of the skin layers of the fibers in an adjacent fibrous layer, and the stiffness of the consolidated fibrous structure is at least 1 N-m. A fibrous layer is also described.

IPC 8 full level
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CPC (source: EP)
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Citation (search report)
See references of WO 2010087811A1

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