

Title (en)
SHEETLIKE COMPOSITE MATERIAL

Title (de)
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Title (fr)
MATÉRIAU COMPOSITE PLAN

Publication
EP 2812184 A1 20141217 (DE)

Application
EP 13707292 A 20130208

Priority
• EP 12154516 A 20120208
• EP 2013052616 W 20130208
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Abstract (en)
[origin: EP2626200A1] Planar composite material comprises (i) at least one layer (A) made of a fiber fleece comprising 40-100 wt.% thermoplastic fibers and 0-60 wt.% reinforcing fibers, or a thermoplastic film, and (ii) at least two unidirectional fiber clutch-layers (B) and (c) made of parallel reinforcing fiber bundles, having a bi-directional fiber orientation, where the layers are stitched together and needled. An independent claim is also included for producing composite material, comprising producing fiber fleece-layer (A) according to the carding process, airlay process or spunbond process, bringing together the fiber clutch-layers (B) and (c) with the fiber fleece-layer (A), and stitching together and needling.

IPC 8 full level
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CPC (source: EP US)
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See references of WO 2013117743A1

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