

Title (en)
A MANUFACTURING PROCESS FOR A LAMINATED PAPER PRODUCT

Title (de)
VERFAHREN ZUR HERSTELLUNG EINES PAPIERLAMINATPRODUKTS

Title (fr)
PROCÉDÉ DE FABRICATION D'UN PRODUIT EN PAPIER LAMINÉ

Publication
EP 3269558 B1 20190123 (EN)

Application
EP 16179791 A 20160715

Priority
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Abstract (en)
[origin: EP3269558A1] A manufacturing process for a laminated paper product (356, 357, 358) with integrated electronics (352, 452) comprises: - printing and cutting a first paper (351, 451), planar electronics (352, 452) and second paper (353, 453); - applying hot melt glue to the first paper (351, 451) before or after the printing and cutting; - feeding the first paper (351, 451) to first split planes (421, 422), positioned along conical sidewalls (411, 412) at a first height and moving the first paper (351, 451) forward against a vertical finger (401) being sized and positioned to translationally move in between the first split planes (421, 422); - feeding the planar electronics (352, 452) onto second split planes (431, 432) positioned along the sidewalls (411, 412) at a second height, and moving the first paper (351, 451) and planar electronics (352, 452) forward against the vertical finger (401); - feeding the second paper (353, 453) onto third split planes (441, 442) positioned along the sidewalls (411, 412) at a third height, and moving the first paper (351, 451), planar electronics (352, 452) and second paper (353, 453) forward against the vertical finger (401); - applying heat and pressure to the first paper (351, 451), planar electronics (352, 452) and second paper (353, 453) to activate the hot melt glue.

IPC 8 full level
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CPC (source: EP)
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