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PREPREG

Title (de)  
VORIMPRÄGNAT

Title (fr)  
PREIMPREGNE

Publication  
**EP 1518024 A1 20050330 (DE)**

Application  
**EP 04710840 A 20040213**

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Abstract (en)  
[origin: WO2004074577A1] Disclosed are prepregs which can be obtained by impregnating a raw paper with a thermally crosslinkable impregnation combination, and methods for the production thereof. The impregnation combination contains a thermally crosslinkable, formaldehyde-free resin solution and a polymer dispersion. The mixing ratio between the resin solution and the polymer dispersion in the impregnation combination ranges between 45:55 and 10:90 (solid:solid). After drying, the prepreg has a degree of crosslinking of no less than 10 percent but no more than 85 percent and a residual moisture of 2 to 3 percent by weight. The inventive prepregs are provided with better properties than previously known formaldehyde-containing and formaldehyde-free prepregs regarding printability and surface bonding strength (ripping resistance) as early as the moment the prepregs leave the paper machine while maintaining great surface density (great ability to receive lacquer) and dimensional stability/flatness.

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**D21H 27/26**

IPC 8 full level  
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CPC (source: EP)  
**D21H 27/26** (2013.01); **D21H 17/70** (2013.01); **D21H 25/06** (2013.01)

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