

Title (en)  
Crease-resistant linen slivers and yarns

Title (de)  
Antiknitterausrüstung von Leinenfasern und Garnen

Title (fr)  
Finissage antifroisse de fibres et fils de lin

Publication  
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Application  
**EP 01130848 A 20011227**

Priority  
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• EP 01830331 A 20010523

Abstract (en)  
The present invention relates to modified linen slivers and yarns characterized by increased crease resistance while maintaining the allomorph I content, the strength and the beautiful appearance of the natural fibers. In particular, the cross-linked linen slivers and yarns according to the invention have an allomorph I content measured by solid state <sup>13</sup>C NMR of at least 40%, preferably at least 45%, and a solubility in cuproethyldiamine (Cued) 0.5 M lower than 1.4 g/l. The low solubility in Cued indicates the presence of cross-linking between cellulose chains which is stable to the strong basic conditions of Cued.

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Citation (search report)  
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