

Title (en)
CELLULOSE-BINDING FIBRES

Title (de)
CELLULOSE BINDENDE FASERN

Title (fr)
FIBRES SE LIANT A LA CELLULOSE

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Application
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Priority
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Abstract (en)
[origin: WO9845519A1] The invention relates to drylaid nonwoven materials comprising bicomponent fibres comprising a low melting polyolefin component and a high melting polyolefin component, the low melting polyolefin component constituting at least a part of the surface of the fibre and comprising a non-grafted polyolefin component and a grafted polyolefin component, wherein the grafted polyolefin component has been grafted with an unsaturated dicarboxylic acid or an anhydride thereof, e.g. with maleic acid or maleic anhydride. The bicomponent fibres have an excellent bonding affinity for natural fibres such as cellulose pulp fibres and allow the production of airlaid nonwovens with reduced generation of dust during the production process and with improved nonwoven strength properties.

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