

Title (en)  
FILTER PAPER QUICKLY DISINTEGRATING IN WATER

Title (de)  
IN WASSER RASCH ZERFALLENDEN FILTERPAPIER

Title (fr)  
PAPIER FILTRE SE DÉSAGRÉGEANT RAPIDEMENT DANS L'EAU

Publication  
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Application  
**EP 13722685 A 20130514**

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Abstract (en)  
[origin: WO2014015921A1] The invention relates to a paper that quickly disintegrates in water, for use as filter material or filter wrapper paper of a cigarette filter, having the following properties: At least 80 wt %, preferably at least 90 wt %, and particularly preferably at least 95 wt % of the paper is formed by cellulose fibers. Of said cellulose fibers, at least 80 wt %, preferably at least 90 weight percent, and particularly preferably at least 95 wt % are a mixture of long fiber pulp and mercerized pulp. 0 to 90 wt % of the content of said mixture is mercerized pulp, and the rest is long fiber pulp. The cellulose fibers of said mixture have a freeness of at most 30°SR, preferably at most 25°SR, and particularly preferably at most 20°SR, according to ISO 5267. In the disintegration test using a device as described in TAPPI T 261, the paper shows a disintegration of at least 60%, preferably of at least 70%, and particularly preferably of at least 80% after 30 seconds.

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Citation (search report)  
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