Accepted Manuscript

Title: Effects of tribochemical treatments on the integrity of cellulose

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PII: S0144-8617(14)00477-9

DOI: http://dx.doi.org/doi:10.1016/j.carbpol.2014.05.011

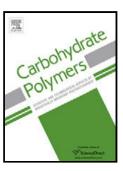
Reference: CARP 8874

To appear in:

Received date: 21-2-2014 Revised date: 23-4-2014 Accepted date: 7-5-2014

Please cite this article as: Stefanovic, B., Pirker, K. F., Rosenau, T., & Potthast, A., Effects of tribochemical treatments on the integrity of cellulose, *Carbohydrate Polymers* (2014), http://dx.doi.org/10.1016/j.carbpol.2014.05.011

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ACCEPTED MANUSCRIPT

1	Effects of tribochemical treatments on the integrity of cellulose
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24	Highlights
25	
26	- Cellulose during milling is randomly oxidized along the cellulose chains
27	- Cellulose degradation during milling is largely independent on lignin content
28	- Milling at 77K causes only little oxidation and less degradation
29	- Overall radical concentration during milling depends on cellulose composition
30	- Secondary radicals have been identified
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36	Abstract
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