

Title (en)
Ozone bleaching of pulp

Title (de)
Ozonbleichung von Pulpe

Title (fr)
Blanchiment d'ozone de pulpe

Publication
EP 2479342 A1 20120725 (EN)

Application
EP 12150702 A 20120111

Priority
SE 1150015 A 20110112

Abstract (en)
The following invention relates to a method for bleaching of organic fibers comprising the steps of providing an aqueous suspension comprising organic fibers comprising lignin compounds, directing an ozone rich oxygen gas through said suspension for causing a substantial bleaching of said lignin compounds, providing carbon dioxide (CO₂) into said suspension, and reacting said carbon dioxide (CO₂) with ozonide radical anions (O₃⁻) produced as a result of said ozone bleaching and present in the suspension, for formation of oxygen (O₂) and carbonate radicals (CO₃⁻) within the suspension.

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Citation (applicant)
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