

Title (en)
CARBONIZING OF BLACK LIQUOR

Title (de)
CARBONISIERUNG VON SCHWARZLAUGE

Title (fr)
CARBONISATION DE LIQUEUR NOIRE

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Application
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Abstract (en)
[origin: WO2004005611A1] The invention relates to a method of pulping, wherein wood matter is cooked by using white liquor, chemical pulp is separated from resulting black liquor for further processing, and black liquor is concentrated. The concentrated black liquor from pulping is pyrolyzed in a reducing atmosphere to produce coal dust, and the resulting soda (Na₂CO₃), hydrogen sulphide (H₂S) are recovered for recycling, and the resulting carbon oxisulphide (COS) decomposes to hydrogen sulphide in the recovery of gases, the separated soda is causticized to NaOH without the presence of Na₂S, which is used in the preceding operation for the absorption of hydrogen sulphide for producing alkaline cooking liquor (white liquor).

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