

Title (en)
MANUFACTURE OF PULP

Publication
EP 0262988 A3 19880629 (EN)

Application
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Priority
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Abstract (en)
[origin: EP0262988A2] Processes for producing pulp from lignocellulosic material in which the delignification agent comprises an alkali metal hydroxide together with a small amount of a sulphite in the range between 0.1 and 15% expressed as Na₂SO₃ by mass on an oven dry basis of said lignocellulose. The addition of the small amount of sulphite gives a marked improvement in both the quality of the paper produced from the pulp and the rate of delignification. The rate of delignification is improved further by the use of a redox agent such as anthraquinone, anthrahydroquinone, homologues and derivatives thereof. Optionally, the process may be carried out in two stages, including a first stage in which lignocellulose is digested in a liquor containing between 0.1 and 15% of a sulphite, and another further stage in which said lignocellulose is digested in a liquor containing an alkali metal hydroxide. The pulping liquors may also contain other alkaline compounds such as sodium carbonate which act as buffers.

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D21C 3/02; **D21C 3/26**

IPC 8 full level
D21C 3/02 (2006.01); **D21C 3/22** (2006.01)

CPC (source: EP)
D21C 3/022 (2013.01); **D21C 3/222** (2013.01)

Citation (search report)

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