

Title (en)  
Manufacture of pulp.

Title (de)  
Herstellung einer Pulpe.

Title (fr)  
Fabrication d'une pâte.

Publication  
**EP 0262988 A2 19880406 (EN)**

Application  
**EP 87308780 A 19871002**

Priority  
NZ 21778686 A 19861002

Abstract (en)  
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 Na<sub>2</sub>SO<sub>3</sub> 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.

IPC 1-7  
**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)

Cited by  
CN115976865A; ES2319035A1; ES2195750A1; US9200406B2; US6325892B1; WO2013164234A1

Designated contracting state (EPC)  
AT BE CH DE ES FR GB GR IT LI LU NL SE

DOCDB simple family (publication)  
**EP 0262988 A2 19880406**; **EP 0262988 A3 19880629**; BR 8705254 A 19880524; FI 874289 A0 19870930; FI 874289 A 19880403; PT 85862 A 19871101; PT 85862 B 19900112; ZA 877379 B 19890426

DOCDB simple family (application)  
**EP 87308780 A 19871002**; BR 8705254 A 19871002; FI 874289 A 19870930; PT 8586287 A 19871002; ZA 877379 A 19870930