

Title (en)

A method of producing kraft pulp

Title (de)

Ein Verfahren zur Herstellung von Kraftpulpe

Title (fr)

Un procédé de fabrication de pâte kraft

Publication

EP 0517689 B1 19970716 (EN)

Application

EP 92890125 A 19920525

Priority

- GB 9111256 A 19910524
- US 75684991 A 19910910
- US 78815191 A 19911105

Abstract (en)

[origin: EP0517689A1] Paper pulp (e.g. kraft pulp or sulfite pulp) is produced utilizing at least two different supplies (35, 41) of cooking liquor (e.g. white liquor), having different percentages of lignin reaction enhancing or carbohydrate degradation slowing chemicals (e.g. one having low sulfide content, and the other high sulfide content). The high sulfide content supply is typically used to impregnate the pulp (in 37), while the second supply is used in other cooking stages (e. g. digester 12), whether co-current or countercurrent. At least 60% of the sulfide of the cooking chemicals may be provided in the first supply (35). Some of the sulfide in the first supply is desirably provided in the form of polysulfide or elemental sulfur. When about 2% polysulfide on wood is utilized yield is significantly increased. Utilizing multiple chemical (e.g. sulfide) content supplies results in an optimum viscosity/kappa ratio and/or pulp strength properties for the pulp produced. <IMAGE>

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D21C 3/022 (2013.01); **D21C 3/26** (2013.01); **D21C 11/0064** (2013.01)

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- WO 9213994 A1 19920820 - AHLSTROEM OY [FI]
- SE 8802129 A
- Tappi, vol. 62, no. 7, July 1979, Atlanta, US, pages 49-51, Nordén S. et al
- Casey, J.P., "Pulp and Paper; Chemistry and Chemical Technology - 3rd edition, vol. I", 1980, John Wiley & Sons, Inc., New York, pages 470-476.

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