

Title (en)

ALKALINE-PEROXIDE-OXYGEN TREATMENT FOR UNBLEACHED AND CHLORINATED CHEMICAL PULPS

Publication

**EP 0206560 A3 19880720 (EN)**

Application

**EP 86304123 A 19860530**

Priority

CA 484110 A 19850617

Abstract (en)

[origin: EP0206560A2] There are provided improvements relating to the delignification and/or the bleaching of a chemical pulp wherein the cellulosic material is simultaneously treated with an alkali compound, a peroxygen compound and an oxygen gas at partial pressure in the presence of a viscosity protecting catalyst.

IPC 1-7

**D21C 9/10**

IPC 8 full level

**D21C 9/10** (2006.01)

CPC (source: EP)

**D21C 9/10** (2013.01)

Citation (search report)

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- [X] EP 0087553 A1 19830907 - DEGUSSA [DE]
- [XP] US 4568420 A 19860204 - NONNI ARTHUR J [US]
- [A] US 3655505 A 19720411 - YORSTON FREDERICK H, et al
- [X] ABSTRACT BULLETIN OF THE INSTITUTE OF PAPER CHEMISTRY, vol. 54, no. 3, September 1983, page 305, abstract no. 2775, Appleton, Wisconsin, US; H. KRUGER et al.: "Bleaching of sulfite pulps with peroxide and oxygen - possibilities and limitations", & TAPPI INT. SULFITE PULPING CONF. (TORONTO) PROC.: 143-148(OCT. 20-22, 1982)(Cat. D,X)
- [XP] PAPIER, vol. 40, no. 4, April 1986, pages 150-153, Darmstadt, DE; H.-U. SJS: "Die peroxidgestützte Sauerstoff-Delignifizierung von Sulfitzellstoffen - ein Schritt zur Verringerung der AOX-Belastung"
- [XP] ABSTRACT BULLETIN, vol. 56, no. 10, April 1986, page 1216, abstract no. 11066, Appleton, Wisconsin, US; D. LACHENAL et al.: "Reinforcement of oxygen-alkali extraction with hydrogen peroxide or hypochlorite", & TAPPI PULPING CONF. (HOLLYWOOD, FL) PROC. (BOOK 2): 439-443 (NOV. 3-7, 1985)

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**EP 86304123 A 19860530**; BR 8602790 A 19860616; CA 484110 A 19850617; FI 862546 A 19860616; JP 14121086 A 19860617; NO 862381 A 19860616