

Title (en)  
PROCESS FOR DIGESTING LIGNOCELLULOSIC MATERIAL

Publication  
**EP 0211558 A3 19870527 (EN)**

Application  
**EP 86305606 A 19860722**

Priority  
US 75959185 A 19850726

Abstract (en)  
[origin: EP0211558A2] A process for digesting lignocellulosic material. Lignocellulosic material is introduced into a digestive zone along with a liquid composed of an ester with an organic lignin solvent capable of dissolving lignin, and water. The lignocellulosic material is digested at a temperature of 0 DEG C to 230 DEG C for a period of time sufficient to solubilize the lignin in the ester and the solvent. The process of the invention reduces the amount of water in the digestive zone to inhibit the hydrolysis of the cellulose, accelerate the delignification and provide a more economical chemical recovery system.

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**D21C 3/20**; **D21C 9/02**; **D21C 9/10**; **D21C 11/00**

IPC 8 full level  
**D21C 3/18** (2006.01); **D21C 3/20** (2006.01); **D21C 3/22** (2006.01)

CPC (source: EP)  
**D21C 3/20** (2013.01)

Citation (search report)  
• [A] US 2024689 A 19351217 - HENRY GROOMBRIDGE WALTER, et al  
• [AD] US 3553076 A 19710105 - HAAS GERRIT G DE, et al  
• [A] ABSTRACT BULLETIN OF THE INSTITUTE OF PAPER CHEMISTRY, vol. 55, no. 5, November 1984, page 575, abstract no. 5445; Appleton, Wisc., US; A. SAKAKIBARA et al.: "Solvolysis pulping with cresols-water system", & Holzforschung 38, no. 3, 159-165 (June 1984)

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