

Title (en)  
PROCESS FOR THE DELIGNIFICATION OF LIGNOCELLULOSIC MATERIALS

Publication  
**EP 0021264 B1 19830119 (DE)**

Application  
**EP 80103278 A 19800612**

Priority  
DE 2925544 A 19790625

Abstract (en)  
[origin: ES8103227A1] A process for delignifying lignocellulosic material with a digestion liquor of nitroanthraquinones and/or dinitroanthraquinones. The process can be carried out in a closed reaction vessel at temperatures of 150 DEG -200 DEG +/- C. for 0.5 to 480 minutes with 0.001 to 10% nitroanthraquinone and/or dinitroanthraquinone by weight of lignocellulosic material.

IPC 1-7  
**D21C 3/00**

IPC 8 full level  
**C08B 1/00** (2006.01); **D21C 3/00** (2006.01); **D21C 3/22** (2006.01)

CPC (source: EP US)  
**D21C 3/222** (2013.01 - EP US)

Citation (examination)  
US 4036080 A 19770719 - FRIEDERICY JOHAN A, et al

Designated contracting state (EPC)  
AT BE DE FR GB IT SE

DOCDB simple family (publication)  
**EP 0021264 A1 19810107; EP 0021264 B1 19830119**; AT E2279 T1 19830215; AU 5932980 A 19810108; BR 8003938 A 19810127; CA 1154208 A 19830927; DE 2925544 A1 19810122; DE 3061673 D1 19830224; ES 492781 A0 19810216; ES 8103227 A1 19810216; FI 72541 B 19870227; FI 72541 C 19870608; FI 802001 A 19801226; JP S568403 A 19810128; JP S6258362 B2 19871205; NO 155585 B 19870112; NO 155585 C 19870422; NO 801742 L 19801229; NZ 194113 A 19820629; US 4350566 A 19820921; ZA 803766 B 19810729

DOCDB simple family (application)  
**EP 80103278 A 19800612**; AT 80103278 T 19800612; AU 5932980 A 19800617; BR 8003938 A 19800624; CA 354580 A 19800623; DE 2925544 A 19790625; DE 3061673 T 19800612; ES 492781 A 19800625; FI 802001 A 19800623; JP 8413180 A 19800623; NO 801742 A 19800611; NZ 19411380 A 19800623; US 25784281 A 19810427; ZA 803766 A 19800624