

Title (en)

Preparation of mechanical wood pulps with reduced energy

Title (de)

Herstellung von mechanischem Holzstoff mit reduziertem Energieverbrauch

Title (fr)

Préparation de pâtes mécaniques à partir de bois avec réduction d' energie

Publication

EP 0892107 A1 19990120 (EN)

Application

EP 98305702 A 19980716

Priority

US 5292497 P 19970717

Abstract (en)

A refiner mechanical pulp is produced employing a two stage refining operation with an interstage chemical treatment. Energy savings are achieved to substantiate the same overall pulp quality by employing a reduced application of energy in the first stage of refining having a maximum of about 0.75 MWh/odt of pulp.

IPC 1-7

D21C 3/06; **D21C 9/00**

IPC 8 full level

D21C 3/06 (2006.01); **D21C 9/00** (2006.01)

CPC (source: EP)

D21C 3/06 (2013.01); **D21C 9/004** (2013.01)

Citation (search report)

- [DY] EP 0030778 A1 19810624 - QNS PAPER [CA]
- [Y] US 4145246 A 19790320 - GOHEEN DAVID W, et al
- [A] HAYNES J B ET AL: "IMPROVING TMP PULP PROPERTIES BY SULFONATION", TAPPI JOURNAL, vol. 71, no. 10, October 1988 (1988-10-01), pages 123 - 127, XP000025617

Cited by

US7182836B2; WO2004104293A1; WO03002813A3

Designated contracting state (EPC)

AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE

DOCDB simple family (publication)

EP 0892107 A1 19990120; CA 2243228 A1 19990117; NO 983302 D0 19980716; NO 983302 L 19990118

DOCDB simple family (application)

EP 98305702 A 19980716; CA 2243228 A 19980715; NO 983302 A 19980716