

Title (en)  
Method of refining a paper pulp.

Title (de)  
Verfahren zur Raffinierung einer Fasersuspension.

Title (fr)  
Nouveau procédé de raffinage de la pâte à papier.

Publication  
**EP 0497671 B1 19950510 (FR)**

Application  
**EP 92400190 A 19920124**

Priority  
FR 9101108 A 19910131

Abstract (en)  
[origin: EP0497671A1] Improvement to the processes for refining paper pulp, in which a colloidal silica sol is mixed with the paper pulp to be refined.

IPC 1-7  
**D21D 1/20**; **D21B 1/16**

IPC 8 full level  
**D21B 1/16** (2006.01); **D21D 1/20** (2006.01)

CPC (source: EP US)  
**D21B 1/16** (2013.01 - EP US); **D21D 1/20** (2013.01 - EP US)

Citation (examination)  
WO 8701746 A1 19870326 - SCOTT PAPER CO [US]

Designated contracting state (EPC)  
DE FR GB IT SE

DOCDB simple family (publication)  
**EP 0497671 A1 19920805**; **EP 0497671 B1 19950510**; CA 2060395 A1 19920801; DE 69202346 D1 19950614; DE 69202346 T2 19950928; FI 920395 A0 19920129; FI 920395 A 19920801; FI 98078 B 19961231; FI 98078 C 19970410; FR 2672315 A1 19920807; FR 2672315 B1 19960607; NO 179459 B 19960701; NO 179459 C 19961009; NO 920405 D0 19920130; NO 920405 L 19920803; US 5225041 A 19930706

DOCDB simple family (application)  
**EP 92400190 A 19920124**; CA 2060395 A 19920130; DE 69202346 T 19920124; FI 920395 A 19920129; FR 9101108 A 19910131; NO 920405 A 19920130; US 82876092 A 19920131