

Title (en)  
A PROCESS FOR THE PRODUCTION OF PAPER

Publication  
**EP 0357574 A3 19911023 (EN)**

Application  
**EP 89850252 A 19890809**

Priority  
SE 8803065 A 19880901

Abstract (en)  
[origin: EP0357574A2] A method for the production of paper by forming and dewatering a suspension of cellulose containing fibres on a wire. The forming and dewatering takes place in the presence of an anionic, inorganic colloid, an aluminate and a cationic synthetic polymer. The process gives improved dewatering and improved retention of fines and optional fillers.

IPC 1-7  
**D21H 23/76**; **D21H 17/33**; **D21H 17/63**

IPC 8 full level  
**D21H 17/33** (2006.01); **D21H 17/37** (2006.01); **D21H 17/45** (2006.01); **D21H 17/54** (2006.01); **D21H 17/63** (2006.01); **D21H 17/67** (2006.01); **D21H 17/68** (2006.01); **D21H 23/76** (2006.01)

CPC (source: EP)  
**D21H 17/45** (2013.01); **D21H 17/54** (2013.01); **D21H 17/68** (2013.01)

Citation (search report)

- [XP] WO 8806659 A1 19880907 - EKA NOBEL AB [SE]
- [XP] US 4795531 A 19890103 - SOFIA SAMUEL C [US], et al
- [XP] WO 8906638 A2 19890727 - DU PONT [US]
- [A] WO 8600100 A1 19860103 - EKA AB [SE]
- [AD] WO 8605826 A1 19861009 - EKA NOBEL AB [SE]

Cited by  
US7919535B2; EP0748897A3; US5846384A; CN103556532A; US8835515B2; US6103064A; EP0705939A1; US5679219A; US5595630A; US5496440A; US5447604A; US7504001B2; US7169261B2; US6379501B1; WO03083212A1; WO9718351A1; EP1620599B2

Designated contracting state (EPC)  
AT BE CH DE ES FR GB IT LI NL SE

DOCDB simple family (publication)  
**EP 0357574 A2 19900307**; **EP 0357574 A3 19911023**; **EP 0357574 B1 19931222**; AT E99010 T1 19940115; AU 4084089 A 19900329; AU 605997 B2 19910124; BR 8904283 A 19900417; CA 1334324 C 19950214; DE 68911626 D1 19940203; DE 68911626 T2 19940407; ES 2048323 T3 19940316; FI 894075 A0 19890830; FI 894075 A 19900302; FI 90448 B 19931029; FI 90448 C 19940210; JP 2521539 B2 19960807; JP H0299692 A 19900411; NO 171567 B 19921221; NO 171567 C 19930331; NO 893500 D0 19890831; NO 893500 L 19900302; NZ 230427 A 19910625; PT 91611 A 19900330; PT 91611 B 19950531; SE 467627 B 19920817; SE 8803065 D0 19880901; SE 8803065 L 19900302

DOCDB simple family (application)  
**EP 89850252 A 19890809**; AT 89850252 T 19890809; AU 4084089 A 19890828; BR 8904283 A 19890825; CA 609515 A 19890828; DE 68911626 T 19890809; ES 89850252 T 19890809; FI 894075 A 19890830; JP 22049589 A 19890829; NO 893500 A 19890831; NZ 23042789 A 19890825; PT 9161189 A 19890901; SE 8803065 A 19880901