

Title (en)  
PROCESS FOR BLEACHING AND DELIGNIFICATION OF CELLULOSIC PRODUCTS

Publication  
**EP 0226114 B1 19900711 (DE)**

Application  
**EP 86116722 A 19861202**

Priority  
DE 3544398 A 19851216

Abstract (en)  
1. Process for the bleaching and delignifying of cellulose-containing products with peroxides and/or oxygen and/or ozone, characterised in that one additionally uses 0.01 to 2.5 wt. % of cyanamide and/or cyanamide salts, referred to the dry weight of the cellulose, and adjusts the pH value of the bleach to 4 to 13.

IPC 1-7  
**D21C 9/10**

IPC 8 full level  
**D21C 9/10** (2006.01); **D21C 9/147** (2006.01); **D21C 9/153** (2006.01); **D21C 9/16** (2006.01)

CPC (source: EP US)  
**D21C 9/1036** (2013.01 - EP US)

Cited by  
DE4114134A1; DE4128968A1; DE4114135A1; EP0442425A1; EP0479319A1; DE4031597A1

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

DOCDB simple family (publication)  
**EP 0226114 A1 19870624; EP 0226114 B1 19900711**; AT E54475 T1 19900715; CA 1277457 C 19901211; DE 3544398 A1 19870619; DE 3672577 D1 19900816; ES 2016084 B3 19901016; FI 85390 B 19911231; FI 85390 C 19920410; FI 865100 A0 19861215; FI 865100 A 19870617; JP H0723593 B2 19950315; JP S62191588 A 19870821; NO 169023 B 19920120; NO 169023 C 19920429; NO 864983 D0 19861210; NO 864983 L 19870617; US 5034096 A 19910723

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**EP 86116722 A 19861202**; AT 86116722 T 19861202; CA 524868 A 19861209; DE 3544398 A 19851216; DE 3672577 T 19861202; ES 86116722 T 19861202; FI 865100 A 19861215; JP 29785686 A 19861216; NO 864983 A 19861210; US 93956286 A 19861209