

Title (en)

Oxygene bleaching.

Title (de)

Sauerstoffbleichung.

Title (fr)

Blanchiment à l'oxygène.

Publication

EP 0485829 B1 19950222 (DE)

Application

EP 91118706 A 19911102

Priority

DE 4035813 A 19901110

Abstract (en)

[origin: EP0485829A1] The invention relates to a method for the chlorine-free bleaching of celluloses having an alpha -cellulose content of more than 90%, preferably of bucked or kiered cotton linters, in which more than a 75% degree of whiteness is achieved by means of oxygen in a one-step process, characterised in that bleaching is carried out with oxygen which has been obtained by disproportionation of peroxo compounds in the pH range 6-13 and the bleaching time is between 15 and 150 min, depending on the bleaching temperature of 35 DEG C to 15 DEG C.

IPC 1-7

D21C 9/16; **D21C 9/147**

IPC 8 full level

D06L 3/02 (2006.01); **D06L 4/12** (2017.01); **D06L 4/13** (2017.01); **D21C 9/147** (2006.01); **D21C 9/16** (2006.01)

CPC (source: EP US)

D06L 4/12 (2016.12 - EP US); **D06L 4/13** (2016.12 - EP US); **D21C 9/16** (2013.01 - EP US)

Designated contracting state (EPC)

AT BE CH DE DK ES FR GB GR IT LI LU NL SE

DOCDB simple family (publication)

EP 0485829 A1 19920520; **EP 0485829 B1 19950222**; AT E118843 T1 19950315; DE 4035813 A1 19920514; DE 59104687 D1 19950330; ES 2068465 T3 19950416; JP H04263665 A 19920918; US 5322647 A 19940621

DOCDB simple family (application)

EP 91118706 A 19911102; AT 91118706 T 19911102; DE 4035813 A 19901110; DE 59104687 T 19911102; ES 91118706 T 19911102; JP 29266791 A 19911108; US 79035891 A 19911112