

Title (en)

Activator for pulp bleaching

Title (de)

Aktivator zum Zellstoffbleichen

Title (fr)

Activateur pour le blanchiment du pâte à papier

Publication

EP 1607519 A1 20051221 (EN)

Application

EP 04253546 A 20040614

Priority

EP 04253546 A 20040614

Abstract (en)

A process for the bleaching of cellulosic fibres comprising the steps of (a) providing a water supply; (b) adding hydrogen peroxide to the stabilised water supply to form a hydrogen peroxide solution; (c) adjusting the pH of the hydrogen peroxide solution by adding alkali; mixing the pH adjusted solution resulting from step (c) to allow complete formation of perhydroxyl ion; (e) adding a carboxylic acid anhydride compound to the solution resulting from step (d); (f) mixing the solution resulting from step (e) to allow complete formation of percarboxylic acid to give a dilute solution of percarboxylic acid; and (g) contacting the solution with a suspension of cellulosic fibres.

IPC 1-7

D21C 9/16

IPC 8 full level

D21C 9/16 (2006.01)

CPC (source: EP US)

D21C 9/166 (2013.01 - EP US)

Citation (applicant)

- EP 0670929 A1 19950913 - EKA NOBEL AB [SE]
- EP 0670928 A1 19950913 - EKA NOBEL AB [SE]

Citation (search report)

- [Y] US 3227655 A 19660104 - KONRAD PRETT, et al
- [YD] WO 9412722 A1 19940609 - EKA NOBEL AB [SE], et al
- [Y] GB 2304126 A 19970312 - WARWICK INT GROUP [GB]
- [AD] EP 0456032 A1 19911113 - HOECHST JAPAN [JP], et al

Cited by

WO2007144376A3

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LI LU MC NL PL PT RO SE SI SK TR

DOCDB simple family (publication)

EP 1607519 A1 20051221; EP 1607519 B1 20080220; AT E386837 T1 20080315; CA 2569467 A1 20051222; DE 602004011911 D1 20080403; DE 602004011911 T2 20080828; DE 602004011911 T9 20090102; ES 2300713 T3 20080616; PL 1607519 T3 20080731; PT 1607519 E 20080416; US 2007246177 A1 20071025; WO 2005121443 A1 20051222

DOCDB simple family (application)

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