

Title (en)

IMPROVED BLEACHING OF HIGH CONSISTENCY LIGNOCELLULOSIC PULP

Title (de)

VERBESSERTES BLEICHEN AUS HOCHKONSISTENTEM LIGNOZELLULOSISCHEM ZELLSTOFF

Title (fr)

BLANCHIMENT AMELIORE D'UNE PATE LIGNOCELLULOSIQUE TRES CONCENTREE

Publication

**EP 0770157 A1 19970502 (EN)**

Application

**EP 95926246 A 19950711**

Priority

- US 9508691 W 19950711
- US 27509594 A 19940714

Abstract (en)

[origin: WO9602697A1] The present invention pertains to a method having increased selectivity for bleaching lignocellulosic pulp having a high consistency from a first GE brightness to a second, higher GE brightness which comprises the steps of (a) fluffing the high consistency pulp having the first GE brightness to a specific surface area of at least about 90 m<sup>2</sup>/kg; and (b) contacting the fluffed pulp with a gaseous bleaching agent to form a bleached pulp having the second, higher GE brightness, wherein the pulp fluffing in step (a) and the pulp bleaching in step (b) are carried out substantially simultaneously. The present invention also pertains to a bleached lignocellulosic pulp prepared by the method of the present invention.

IPC 1-7

**D21C 1/10**; **D21C 9/153**

IPC 8 full level

**D21C 9/00** (2006.01); **D21C 9/10** (2006.01); **D21C 9/153** (2006.01)

CPC (source: EP)

**D21C 9/007** (2013.01); **D21C 9/1005** (2013.01); **D21C 9/153** (2013.01)

Designated contracting state (EPC)

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

DOCDB simple family (publication)

**WO 9602697 A1 19960201**; BR 9508224 A 19971028; CA 2194962 A1 19960201; EP 0770157 A1 19970502; EP 0770157 A4 19980107; FI 965216 A0 19961227; FI 965216 A 19970113; ZA 955827 B 19960221

DOCDB simple family (application)

**US 9508691 W 19950711**; BR 9508224 A 19950711; CA 2194962 A 19950711; EP 95926246 A 19950711; FI 965216 A 19961227; ZA 955827 A 19950713