

Title (en)
Chemical pulp bleaching.

Title (de)
Bleichen von chemischen Zellstoff.

Title (fr)
Blanchiment de pâte à papier chimique.

Publication
EP 0652321 A1 19950510 (EN)

Application
EP 94307702 A 19941020

Priority
US 14811893 A 19931104

Abstract (en)
Wood pulp, such as kraft, chemical or hybrid pulp, is subjected to a bleaching process wherein it is treated first with one or more oxidising agents such as oxygen, ozone or hydrogen peroxide, and then with a reducing agent such as sodium borohydride or sodium hydrosulfite. A further treatment with an oxidising agent can be carried out after the reducing treatment. Brightness may be further enhanced by treatment with an enzyme such as xylanase or with a chelant such as diethylenetriamine pentaacetic acid (DTPA).

IPC 1-7
D21C 9/10

IPC 8 full level
D21C 5/00 (2006.01); **D21C 9/10** (2006.01)

CPC (source: EP)
D21C 5/005 (2013.01); **D21C 9/1057** (2013.01); **D21C 9/1084** (2013.01)

Citation (search report)
• [X] WO 9207139 A1 19920430 - INTEROX INT SA [BE]
• [PX] FR 2692917 A1 19931231 - AIR LIQUIDE [FR], et al
• [A] WO 9114823 A1 19911003 - CALL HANS PETER [DE]

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Designated contracting state (EPC)
SE

DOCDB simple family (publication)
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