

Title (en)
Process for bleaching a chemical paper pulp

Title (de)
Verfahren zum Bleichen eines chemischen Zellstoffs

Title (fr)
Procédé pour le blanchiment d'une pâte à papier chimique

Publication
EP 0578304 B1 19960918 (FR)

Application
EP 93201886 A 19930629

Priority
BE 9200626 A 19920706

Abstract (en)
[origin: EP0578304A1] Process for bleaching a chemical paper pulp to a brightness of at least 89 DEG ISO, consisting in subjecting the pulp to a multistage treatment sequence comprising a final stage of bleaching with hydrogen peroxide in alkaline medium performed in the presence of at least one stabilising agent and at a pulp consistency of at least 25 % by weight of solids content, the stages preceding this final stage having purified the pulp so that its manganese content does not exceed 3 ppm by weight relative to the solids content and that the pulp has been delignified beforehand to a kappa value not exceeding 5.

IPC 1-7
D21C 9/16; **D21C 9/10**

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

CPC (source: EP US)
D21C 9/1057 (2013.01 - EP US); **D21C 9/163** (2013.01 - EP US)

Citation (examination)
• WO 9314262 A1 19930722 - SUNDS DEFIBRATOR IND AB [SE]
• EP 0402335 A2 19901212 - EKA NOBEL AB [SE]
• EP 0377981 A2 19900718 - DU PONT [US]
• Journal of wood chemistry and technology, vol. 2(3), 1982, pages 231-250; G. Gellerstedt et al "Chemical aspects of hydrogen peroxide bleaching. Part II: The bleaching of kraft pulps".

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