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(54) **Oxygen alkali extraction process for producing bleached pulp.**

(57) Oxygen alkali extraction of pulp in a multi-stage bleaching sequence is accomplished in the absence of a dynamic mixer for mixing oxygen with pulp yet obtaining desired pulp brightness and/or reduced chlorine-based chemical consumption, by intimately mixing oxygen with the alkaline pulp at a point before or within the alkaline pulp bleaching stage of the sequence, in the presence of a co-oxidant.

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## EUROPEAN SEARCH REPORT

Application Number

**EP 88 11 3019**

DOCUMENTS CONSIDERED TO BE RELEVANT			
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (Int. Cl.5)
X	US-A-4 568 420 (INTERNATIONAL PAPER COMPANY) * column 3, line 6 - column 5, line 27 ** claims * - - -	1,3,4, 6-10	D 21 C 9/10 D 21 C 9/147
X	US-A-4 657 633 (WESTVACO CORPORATION) * column 3, line 24 - column 7, line 7 ** claims * - - - - -	1,3-5, 7-11	
			TECHNICAL FIELDS SEARCHED (Int. Cl.5)
			D 21 C
The present search report has been drawn up for all claims			
Place of search		Date of completion of search	Examiner
The Hague		18 April 91	BERNARDO NORIEGA F.
<b>CATEGORY OF CITED DOCUMENTS</b> X: particularly relevant if taken alone Y: particularly relevant if combined with another document of the same category A: technological background O: non-written disclosure P: intermediate document T: theory or principle underlying the invention E: earlier patent document, but published on, or after the filing date D: document cited in the application L: document cited for other reasons &: member of the same patent family, corresponding document			