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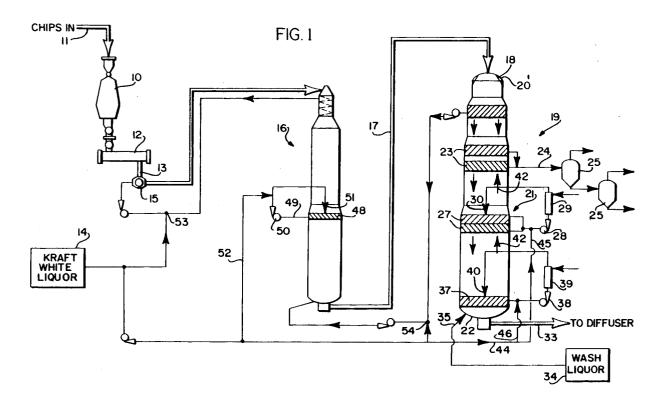
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[54] Extended kraft cooking with white liquor added to wash circulation.

© In the continuous kraft pulping of comminuted cellulosic fibrous material (e.g. wood chips) to produce paper pulp, viscosity for a given Kappa Number is significantly increased (e.g. at least about 20%) by adding kraft white liquor to the wash recirculation loop (38-40) in a continuous digester (19). Optimum results are obtained when kraft white liquor is also added to a recirculation loop (28-30) at a

central portion of the digester, so that the majority of the digester has countercurrent flow between white liquor and cellulosic material. About 5-20% of the total white liquor necessary to effect kraft cooking is introduced in the wash circulation, and about 10-20% is introduced into the central portion recirculation. The temperature in the wash zone is maintained at about 140-175°C.





EUROPEAN SEARCH REPORT

Application Number

EP 91 10 8241

Category	Citation of document with indica		Relevant	CLASSIFICATION OF THE	
	of relevant passag		to claim	APPLICATION (Int. Cl.5)	
A	US-A-3 427 218 (RICHTE * the whole document *	:K <i>)</i>	1,7-9	D21C3/02 D21C7/00	
	the whole document	In this way		D21C7/00	
A	US-A-3 215 588 (KLEINE * claims *	ERT)	1		
P,A	EP-A-0 407 370 (KAMYR * the whole document *	AB)	1,5,7,10		
				TECHNICAL FIELDS SEARCHED (Int. Cl.5)	
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7	Place of search THE HAGUE	Date of completion of the search 13 APRIL 1993		BERNARDO NORIEGA F	
X : par Y : par doc	CATEGORY OF CITED DOCUMENTS icularly relevant if taken alone icularly relevant if combined with another unent of the same category	T : theory or printer : earlier patent after the filing D : document cite L : document cite	ciple underlying the document, but public date d in the application d for other reasons	invention shed on, or	
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