

Title (en)
PRESS WASHER COMPRISING SEPARATION OF FILTRATES

Title (de)
PRESSWASCHANLAGE MIT FILTRATABTRENNUNG

Title (fr)
PRESSE DE LAVAGE À SÉPARATION DE FILTRATS

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Application
EP 07835351 A 20071023

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Abstract (en)
[origin: WO2008051157A1] The invention relates to a washing arrangement (100) comprising two co-operating cylindrical press rolls (102), at least one having a perforated outer surface (104). There is a guide surface (106) at a distance from the perforated outer surface partially enclosing the press roll in the circumferential direction, and a pulp passage (108) is provided between the perforated outer surface and the guide surface. During operation, pulp fed into the pulp passage is guided in direction of rotation and pressed between the press rolls. Filtrate passes through the perforated surface and into the press roll. It is proposed to provide the washing arrangement with means for separate collection of a filtrate flow (128) from a first portion of the pulp passage. Such filtrate contains comparatively high amounts of fiber and can by means of the invention be handled separately from the main filtrate flow (130), reducing the negative effects associated with fibers in the filtrate.

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Citation (search report)
• [A] EP 1035250 A2 20000913 - KVAERNER PULPING TECH [SE]
• [AP] WO 2007004968 A1 20070111 - METSO PAPER INC [FI], et al
• [A] WO 9705940 A1 19970220 - BELOIT TECHNOLOGIES INC [US]
• [A] WO 2005003448 A1 20050113 - METSO PAPER INC [FI], et al
• [A] US 5046338 A 19910910 - LUTHI OSCAR [US]
• See references of WO 2008051157A1

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