

Title (en)
SEALING ELEMENTS IN A TWIN-WIRE PAPER MACHINE

Title (de)
DICHTUNGSELEMENTE IN EINER ZWEISIEBPAPIERMASCHINE

Title (fr)
ÉLÉMENTS D'ÉTANCHÉITÉ DANS UNE MACHINE À PAPIER DOUBLE TOILE

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Application
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Abstract (en)
[origin: WO2008041901A1] The present invention relates to a twin-wire press (50) for dewatering of a fibre suspension, comprising an endless lower wire (1.0) and an endless upper wire (12), an upper wire guiding member (20), a lower wire guiding member (18), such that a tapering dewatering space (6) is formed between the upper and lower wire guiding members, and sealing members (54) extending from an inlet box (8). The sealing members (54) in the twin-wire press comprises an upper and lower substantially form-stable sealing element (54', 54''), respectively, that in the tapering space (21) between the upper and lower wire guiding members (18, 20) is sealingly arranged against the upper and lower wire (10, 12), respectively.

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Citation (search report)
• [Y] US 5160583 A 19921103 - EATON DANIEL J [US], et al
• [XP] EP 1813721 A1 20070801 - METSO PAPER INC [FI]
• [A] US 4544447 A 19851001 - PINTER REINHARD [AT], et al
• [Y] US 3440136 A 19690422 - NELSON HERBERT C, et al
• [Y] US 2004163788 A1 20040826 - FILION DANIEL [CA]
• [Y] GB 1398950 A 19750625 - ANDRITZ AG MASCHF
• [YA] DE 19919720 A1 20001102 - VOITH SULZER PAPIERTECH PATENT [DE]
• [YA] US 3582467 A 19710601 - GUSTAFSON DAVID R, et al
• [I] EP 0488058 A1 19920603 - VALMET PAPER MACHINERY INC [FI]
• [Y] "Paper machine forming sections", 8 February 2005 (2005-02-08), XP055020454, Retrieved from the Internet <URL:http://www.metso.com/MP/marketing/Vault2MP.nsf/BYWID2/WID-041013-2256E-4B51D/\$File/Forming_sections_PBL.pdf?openElement> [retrieved on 20120228]
• See references of WO 2008041901A1

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