

Title (en)

Method and device for removing continuous web edge trim

Title (de)

Verfahren und Vorrichtung zur Randstreifenabführung

Title (fr)

Procédé et dispositif d'élimination des bords coupé d'un matériau en bande

Publication

**EP 1619301 A1 20060125 (DE)**

Application

**EP 05104735 A 20050601**

Priority

DE 102004034781 A 20040719

Abstract (en)

The edge strip (3) is removed before the web (1) is transferred to the belt (8) which carries it on. The strip is separated using a water jet, during support by the belt (2). The strip (3) is released using an air and/or water jet. This is directed at the belt (2) from a nozzle (6) on the opposite side of the belt (2). The belt is air- and water-permeable. The edge strip is scraped (5) from the belt and led off. The strip is carried away using a removal channel or tube (12) using suction and/or water flushing, into a pulper. Further variants in accordance with these principles are presented. Salient features include a ceramic strip associated with the air nozzle, which contacts the belt. The belt (2) is a forming sieve. During removal of the web from the belt (2), the transfer belt employed, wraps a suction guide roller (9). A strip is removed from each side of the web. An independent claim is included for corresponding equipment.

IPC 8 full level

**D21F 2/00** (2006.01); **D21F 7/00** (2006.01)

CPC (source: EP)

**D21F 2/00** (2013.01); **D21F 7/006** (2013.01)

Citation (applicant)

WO 0131120 A1 20010503 - METSO PAPER INC [FI], et al

Citation (search report)

- [X] WO 0131120 A1 20010503 - METSO PAPER INC [FI], et al
- [A] DE 3907216 A1 19890928 - VALMET PAPER MACHINERY INC [FI]

Cited by

CN102242517A; CN102517957A; CN103669081A

Designated contracting state (EPC)

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