

Title (en)  
Cross-lapper

Title (de)  
Vliesbandleger

Title (fr)  
Etaleur-nappeur

Publication  
**EP 0517563 B2 20000913 (FR)**

Application  
**EP 92401411 A 19920522**

Priority  
FR 9106634 A 19910603

Abstract (en)  
[origin: US5289617A] PCT No. PCT/FR92/00461 Sec. 371 Date Feb. 1, 1993 Sec. 102(e) Date Feb. 1, 1993 PCT Filed May 22, 1991 PCT Pub. No. WO92/21799 PCT Pub. Date Dec. 10, 1992. A web of fibers (4) is conveyed by conveyor-belts (2, 5) which pass around rollers. A number of rollers are carried by an input carriage (10) and an output carriage (14), said carriages being capable of displacement in reciprocating motion above an apron (8) which moves in a direction parallel to the axes of the rollers and collects the web (4) in the form of a lap (6). A guide roller (34) defines for the web (4) on a first conveyor-belt (2) a section (22) which is inclined towards the pinching line and is located upstream of said line, said pinching line being defined by two adjacent rollers (35, 61). The pinching roller (35) associated with the first conveyor-belt (2) causes it to make a turn through an angle (B) within the range of 90 degrees to 180 degrees. The pinching line is located in an intermediate angular position between the beginning and the end of said turn. The invention is applicable to the manufacture of nonwoven fabrics.

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CPC (source: EP US)  
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Cited by  
EP1367166A1; EP1959038A1; FR2840326A1; EP0860531A3; CN104532478A; DE20321834U1; US6550107B1; US7480965B2; EP1816243A1; US7810218B2; DE202012102597U1; WO2014009520A1; US9909236B2; EP2365113A1

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