

Title (en)  
CROSS-LAPPER

Title (de)  
VLIESLEGER

Title (fr)  
ETALEUR-NAPPEUR

Publication  
**EP 1163383 B1 20041020 (FR)**

Application  
**EP 00911012 A 20000321**

Priority  
• FR 0000698 W 20000321  
• FR 9903562 A 19990323

Abstract (en)  
[origin: US6550107B1] A distributor layer moving in a reciprocating motion to deposit a web coming from a card, on an output apron to form thereon a lap designed for subsequent mechanical bonding. A front conveyor belt transporting the web up to a folding carriage and a rear conveyor belt for supporting the other surface of the web up to a depositor carriage are driven so as to have identical moving speeds in a pinching zone. In the folding carriage the web is deviated by less than 90 degrees to move in a down slope along a section, then a turning of more than 90 degrees, is first exposed, then is externally supported by a support structure. The pinching zone slopes slightly downwards. The web is likewise exposed for the turning in the folding carriage then with external support by an arrangement in a second angular surface.

IPC 1-7  
**D01G 25/00**

IPC 8 full level  
**D01G 25/00** (2006.01); **D04H 1/70** (2006.01)

CPC (source: EP US)  
**D01G 25/00** (2013.01 - EP US)

Cited by  
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Designated contracting state (EPC)  
AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE

DOCDB simple family (publication)  
**US 6550107 B1 20030422**; AT E280253 T1 20041115; DE 60015102 D1 20041125; DE 60015102 T2 20050728; EP 1163383 A1 20011219; EP 1163383 B1 20041020; ES 2231163 T3 20050516; FR 2791364 A1 20000929; FR 2791364 B1 20010608; JP 2002540303 A 20021126; WO 0056960 A1 20000928

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