

Title (en)  
Cross-lapper.

Title (de)  
Vliesleger.

Title (fr)  
Etaleur-nappeur.

Publication  
**EP 0517568 A1 19921209 (FR)**

Application  
**EP 92401461 A 19920527**

Priority  
FR 9106633 A 19910603

Abstract (en)  
[origin: WO9221802A1] A fibre web (4) is transported by means of conveyor belts (2, 5) passing around rollers (32-43, 60-69). Some of said rollers are carried by primary reciprocating carriers (10, 14) above a floor (8) which moves in parallel to the roller axes and collects the web (4) in the form of a lap. Secondary carriers (16, 18) are provided to keep constant the length of the runs of the conveyor belts (2, 5) despite of the reciprocating motions of the primary carriers (10, 14). Each secondary carrier (16, 18) is situated in a lower passage (70) extending under the floor (8) and separated therefrom by at least one partition wall (72). Application to the fabrication of non-woven.

Abstract (fr)  
Un voile de fibres (4) est transporté par des tapis (2, 5) contournant des rouleaux (32, 43, 60, 69). Certains de ces rouleaux sont portés par des chariots principaux (10, 14) mobiles en va-et-vient au-dessus d'un tablier (8) qui se déplace parallèlement aux axes des rouleaux et recueille le voile (4) sous forme d'une nappe. Des chariots auxiliaires (16, 18) sont prévus pour maintenir constante la longueur des trajets des tapis (2, 5) malgré les va-et-vient des chariots principaux (10, 14). Chaque chariot auxiliaire (16, 18) est situé dans un passage inférieur (70) s'étendant sous le tablier (8) et séparé de celui-ci par au moins une cloison (72). Application à la fabrication des non-tissés.

IPC 1-7  
**D01G 25/00; D04H 1/74**

IPC 8 full level  
**D01G 25/00** (2006.01); **D04H 1/74** (2006.01)

CPC (source: EP US)  
**D01G 25/00** (2013.01 - EP US); **D04H 1/74** (2013.01 - EP US)

Citation (search report)  
• [YD] US 1886919 A 19321108 - STURGIS FREDRICK C  
• [YD] FR 2373095 A1 19780630 - HERGETH KG MASCH APPARATE [DE]  
• [A] GB 1527230 A 19781004 - WIRA & MATHER  
• [A] DE 2542274 B1 19770120 - KRUPP GMBH  
• [A] US 3638279 A 19720201 - SWADOS HARRISON G

Cited by  
US6085391A; EP0860531A3; EP1717357A1; EP1816243A1; US7810218B2; DE202014100908U1; WO2015128391A1; US10443155B2

Designated contracting state (EPC)  
AT BE DE ES FR GB IT

DOCDB simple family (publication)  
**EP 0517568 A1 19921209; EP 0517568 B1 19951011**; AT E129029 T1 19951015; DE 517568 T1 19930429; DE 69205336 D1 19951116; DE 69205336 T2 19960523; ES 2089441 T3 19961001; FR 2677044 A1 19921204; FR 2677044 B1 19940429; JP 3263073 B2 20020304; JP H06502699 A 19940324; US 5285554 A 19940215; WO 9221802 A1 19921210

DOCDB simple family (application)  
**EP 92401461 A 19920527**; AT 92401461 T 19920527; DE 69205336 T 19920527; DE 92401461 T 19920527; ES 92401461 T 19920527; FR 9106633 A 19910603; FR 9200472 W 19920527; JP 51128492 A 19920527; US 96983093 A 19930201