Title (en)

Cross-lapper

Title (de)

Vliesleger

Title (fr)

Etaleur-nappeur

Publication

EP 1010787 A2 20000621 (DE)

Application

EP 99124713 A 19991211

Priority

DE 29822462 U 19981218

Abstract (en)

The assembly to lay the webs from a carding machine, in laying widths, has a delivery belt, several main trolleys and two continuous conveyor belts over the main trolleys. At least one support trolley (12,13) supports a conveyor belt level with a number of deflection rollers (20-22) for the conveyor belt levels (26,27). The belt entry (23) and exit (24) are generally at the same height level. At least three deflection rollers (20-22) have their axes on a triangle or a polygon, forming an omega-shaped guide (19) for the lower levels (26,27) of both conveyor belts (7,8) The web layer (1) has two support trolleys (12,13), each at a lower belt level (26,27) of the two conveyor belts (7,8). The web layer (1) has at least one self-standing and mobile support trolley (12), near the lower main trolley (11), with a drive link to the upper main trolley (10). The web layer (1) has a support trolley (13), which is integrated with the upper main trolley (10). The web layer (1) has at least one mobile tensioner trolley for at least one conveyor belt (7,8), with a drive link to at least one of the main trolleys (10,11). The assembly can have at least one additional self-standing support trolley, at one of the belt tensioner trolleys, with a drive link to a main trolley (10,11).

Abstract (de)

Die Erfindung betrifft einen Vliesleger (1), der besonders für große Legebreiten geeignet ist. Der Vliesleger (1) hat ein Abführband (5), mehrere Hauptwagen (10,11) und zwei endlos umlaufende und über die Hauptwagen (10,11) geführte Förderbänder (7,8). Er besitzt ferner mindestens einen Stützwagen (12,13,16) mit mehreren Umlenkrollen (20,21,22) zur Stützung des Förderbandtrums (26,27), wobei der Bandeinlaß (23) und der Bandauslaß (24) im wesentlichen auf gleicher Höhe liegen. Die Umlenkrollen (20,21,22) sind mit ihren Achsen im Dreieck angeordnet und bilden im wesentlichen eine Omega-Führung (19) für das Förderbandtrum (26,27). Der Vliesleger (1) hat zwei Stützwagen (12,13), die jeweils einem unteren Bandtrum (26,27) der beiden Förderbänder (7,8) zugeordnet sind. <IMAGE>

IPC 1-7

D01G 25/00

IPC 8 full level

D01G 25/00 (2006.01)

CPC (source: EP)

D01G 25/00 (2013.01)

Cited by

EP2157216A1; EP1686205A1; EP2479321A1; CN102605486A; EP4001478A1; IT202000027170A1; US7895715B2; DE202012102597U1; WO2014009520A1; US9909236B2

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