

Title (en)
Cross-lapper

Title (de)
Vliesleger

Title (fr)
Etaleur-nappeur

Publication
EP 1010786 A3 20010307 (DE)

Application
EP 99124703 A 19991211

Priority
DE 29822460 U 19981218

Abstract (en)
[origin: EP1010786A2] The assembly to lay the webs from a carding machine, in large laying widths, has a delivery belt, several main trolleys and two continuous conveyor belts over the main trolleys. At least one support trolley has at least one roller to support a conveyor belt level. A support trolley (13) is rigidly fitted to the upper main trolley (10). The support trolley (13) is integrated into the upper main trolley (10), at a downwards shoulder of the main trolley (10). The two main trolleys (10,11) are mounted next to each other on a trolley guide. A number of deflection rollers (20-22) are at the support trolleys (12,13) for the conveyor belt levels (26,27). The belt entry (23) and exit (24) are at the same height level. At least three deflections rollers (20-22) are mounted with their axes in a triangle or polygon, to give an omega-shape guide (19) for the conveyor belt levels (26,27). 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 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).

IPC 1-7
D01G 25/00

IPC 8 full level
D01G 25/00 (2006.01)

CPC (source: EP)
D01G 25/00 (2013.01)

Citation (search report)

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