

Title (en)
CROSSLAPPER FOR CARD WEBS AND RELATED METHOD FOR CROSSLAPPING

Title (de)
VLIESLEGER FÜR EIN KARDENVLIÉS UND DAZUGEHÖRIGES VERFAHREN

Title (fr)
ÉTALEUR-NAPPEUR POUR VOILES DE CARDE ET PROCÉDÉ CORRESPONDANT POUR ÉTALAGE-NAPPAGE

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Application
EP 21207234 A 20211109

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Abstract (en)
The present invention relates to a crosslapper (100) for a card web (101), comprising:- a first conveyor belt (110) and a second conveyor belt (120), both arranged in a closed-loop configuration, overlapping each other in at least one conveyor belt portion and adapted to define a conveyance channel (105) for said card web (101), wherein an inlet zone (106) and an outlet zone (107) are defined for said card web (101);- a collection surface (190) adapted to collect said layered web (101);a distributor carriage (180) comprising at least one first distributor cylinder (181), whereon said first conveyor belt (110) slides, and at least one second distributor cylinder (182), whereon said second conveyor belt (120) slides, wherein said first distributor cylinder (181) and second distributor cylinder (182) define said outlet zone (107) for said card web (101), said distributor carriage (180) being adapted to move parallel to said collection surface (190), said distributor carriage (180) comprises at least one third distributor cylinder (183), whereon said first conveyor belt (110) is wound, and at least one fourth distributor cylinder (184), whereon said second conveyor belt (120) is wound, wherein said third distributor cylinder (183) and fourth distributor cylinder (184) are adapted to create one or more mobile loops (143) defined in at least one portion of said conveyance channel (105) for said card web (101) in order to accumulate said card web (101) during the motion of the distributor carriage (180).

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Citation (applicant)
• EP 1367166 A1 20031203 - ASSELIN [FR]
• EP 1686205 A1 20060802 - STUDIO TEX NOLOGY SRL [IT]

Citation (search report)
• [X] EP 0786545 A2 19970730 - ANTONIO GUASCH GRANO S L [ES]
• [X] EP 1010787 A2 20000621 - AUTEFA MASCHINENFAB [DE]
• [AD] EP 1686205 A1 20060802 - STUDIO TEX NOLOGY SRL [IT]

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