

Title (en)

Method and device for spreading lengths of fabric.

Title (de)

Vorrichtung und Verfahren zum Auslegen von Stoffbahnen.

Title (fr)

Procédé et dispositif de matelassage de longueurs de tissus.

Publication

EP 0119147 A1 19840919 (FR)

Application

EP 84450003 A 19840213

Priority

FR 8302361 A 19830211

Abstract (en)

1. Quilting process of fabric lengths on a cutting-out table (1) consisting in unwinding a roll of material kept in a cylinder (14) set in a moving carriage (3), the length of the material corresponding to the quilting length desired, the carriage (3) being forwarded to the desired place of the cutting-out table (1) in order to unwind by the cylinder's rotation (14) opposite to the taking up of the fabric's length direction and arrange this latter during the simultaneous travel of the moving carriage (3) either on the cutting-out table (1) or on the fabric layer(s) previously quilted distinguished by the fact that it consists in unwinding from a roll of material (35) maintained on an under-frame (21) lengthening the cutting-out table (1) a fabric length corresponding to the quilted length desired while re-winding simultaneously in the cylinder (14) maintained on a swivelling support (22) forming one piece with the under-frame (21) then once the fabric length is wound in the cylinder (14) it is transferred to the moving carriage (3) forming one piece with the cutting-out table (1) and it's shifted and forwarded to the place of the said table desired to be set by the movement of the cylinder (14) which is perpendicular to the area of the table (1), the wound fabric supported on the cutting-out table or on the layer(s) previously quilted due to the cylinder's (14) rotation depending on the moving carriage's (3) movement direction which is opposite to the fabric's winding direction, unwound and quilted and, once the fabric is unwound off the cylinder (14), it is forwarded to the swivelling support (22) to rewind a new fabric's length.

Abstract (fr)

L'invention concerne un procédé et dispositif pour le matelassage de longueurs de tissus sur une table de coupe consistant à dévider d'une pièce de tissu (35) maintenue sur un châssis (21) prolongeant la table de coupe (1) la longueur de tissu correspondant tout en la réenroulant simultanément sur un cylindre (14) maintenu sur un bâti (22) solidaire du châssis (21), puis à déplacer ledit cylindre (14) au moyen du chariot (3) se déplaçant sur le chemin de roulement (2) solidaire de la table de coupe (1) à l'endroit désiré afin qu'après dépose dudit cylindre (14), le tissu enroulé en appui sur la table de coupe (1) ou sur la ou les longueurs de tissu préalablement matelassées par déplacement du cylindre (14) au moyen du chariot (3) dans le sens opposé à l'enroulement du tissu, le tissu soit dévidé et matelassé sur la table de coupe (1), le cylindre (14) dévidé étant acheminé par le chariot (3) vers le châssis (21) afin de réenrouler une nouvelle longueur de tissu.

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