

Title (en)

A METHOD AND AN ARRANGEMENT FOR COLLECTING A STRIP-FORMED MATERIAL

Title (de)

VERFAHREN UND VORRICHTUNG ZUR SAMMLUNG EINER BAHNFÖRMIGEN MATERIAL

Title (fr)

PROCEDE ET SYSTEME DE POSE D'UN MATERIAU EN FORME DE BANDE

Publication

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Application

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Abstract (en)

[origin: WO9843907A1] The invention relates to a method and a device for assembling, in a packing unit (1) having at least one support surface (5), a high-bulk paper tape or paper strip (2), preferably in the form of a sanitary product for the absorption of body liquids. The assembling takes place by so-called taffling, involving that the strip (2) is positioned in a zig-zag pattern like a flat spiral with a pitch preferably corresponding to the width of the strip (2). The method is characterized in that the taffling is initiated in a left-hand or right-hand corner of the support surface (5), over which the strip (2) is assembled. An incoming strip end (9) is fixed in said corner so that it, and also an outgoing strip end (10), becomes conveniently accessible from outside the unit (1) for the purpose of connection with the incoming and/or outgoing strip end of a succeeding unit. The device according to the invention consists of a strip distributor (14) comprising at least two opposed, endless feeding means (17, 18), between which the strip (2) to be assembled is fed down towards the contact surface (5). Each of the feeding means has a length substantially corresponding to twice the deposit length of the strip and exhibits at least one gripping member (19; 20) and one insertion knife (21, 22) cooperating with it and projecting from the opposite feeding means for the purpose of keeping the strip (2) temporarily gripped during its delivery in a reciprocating movement over the length of the support surface (5). The strip distributor (14) is laterally displaceable during the delivery movement.

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