

Title (en)
Block formation system and method for controlling the folding of a block

Title (de)
Blockerzeugungssystem und Verfahren zum Steuern des Faltens eines Blocks

Title (fr)
Système de formation de blocs et procédé pour régler le pliage d'un bloc

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Application
EP 00126354 A 20001202

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Abstract (en)
[origin: EP1123889A1] A block formation system for forming a block of folded material, preferably of nonwoven material or tissue, comprising a folding means (11, 12) between which web material (10) is passing for folding the web material (10) to a block (50), and pressing means (17, 20) acting on the block (50). The block of web material (10) is layered on a lifting element (24) being movable relative to the folding means (11, 12), whereby means for controlling the relative movement of the lifting element (24) to the folding means (11, 12) with respect to the degree of compression of the block (50) are provided. The block formation system can be used for high-speed festooning with high quality requirements. According to the proposed method for controlling the folding of a block, web material (10) is fed to a folding device (11, 12), web material (10) is folded in a zigzag-like manner, building a block (50) of folded material on a lifting element (24), whereby pressing means act on the uppermost web layer and the degree of compression is measured and used for controlling the relative movement of the lifting element (24) with respect to the pressing means (17, 20). <IMAGE>

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