

Title (en)

Method and apparatus for making dunnage by crumpling paper.

Title (de)

Verfahren und Vorrichtung zum Herstellen von Füllmaterial durch zerknittern von Papier.

Title (fr)

Procédé et machine de fabrication de matériaux de rembourrage par froissage de papier.

Publication

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Application

EP 94440027 A 19940422

Priority

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Abstract (en)

The procedure consists of placing sheets of paper on top of one another, folding them lengthwise and passing through a crumpling assembly before compressing at intervals. The different operations are performed separately and in sequence, with the crumpling formed automatically by a difference between feed and assembly speeds. The machine on which the procedure is carried out has independent mechanisms to perform the different operations. The drive comprises wheels (9,11) set one above the other and with the upper wheel having milled outer edges. The crumpling operation is produced by reduction gears connecting the drive wheels and assembly mechanism (14,17). The assembly mechanism wheels rotate more slowly than the drive wheels, so that the paper is automatically crumpled between them. <IMAGE>

Abstract (fr)

Procédé pour la fabrication d'un matériau de calage/rembourrage à partir d'une superposition de feuilles de papier, par repli longitudinal de ces feuilles sur elles-mêmes dans la trémie (3), entraînement de l'ensemble replié, froissage de l'ensemble par les roues (8) et (11) et assemblage de l'ensemble froissé par des compressions ponctuelles successives par la roue (14), caractérisé en ce que les opérations de repli, d'entraînement, de froissage et d'assemblage sont exécutées séparément en des postes successifs indépendants les uns des autres. <IMAGE>

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Citation (search report)

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