

Title (en)

Method and apparatus for compressing a roll of fibre mattress.

Title (de)

Verfahren und Vorrichtung zum Komprimieren einer Rolle aus Fasermatratze.

Title (fr)

Méthode et dispositif pour comprimer un rouleau de matelas fibreux.

Publication

EP 0551228 A1 19930714 (FR)

Application

EP 93400018 A 19930107

Priority

FR 9200064 A 19920107

Abstract (en)

The invention relates to a coiler intended to compress a fibre (fibrous) mattress 4, then to coil it up on itself and to wrap it for storage and transportation in a reduced space. The machine includes two belts 1, 2 supported by two stationary rollers 9, 13 and two movable rollers 14, 15, the tension of the belts and the position of the movable rollers being computer-controlled. The speed of coiling and the degree of compression possible without damage to the fibre (fibrous) mattress are better than with previous coilers. <IMAGE>

Abstract (fr)

L'invention concerne une enrouleuse destinée à comprimer un matelas fibreux 4 puis à l'enrouler sur lui-même et à l'envelopper pour le stocker et le transporter avec un encombrement réduit. La machine comporte deux tapis 1, 2 supportés par deux rouleaux fixes 9, 13 et deux rouleaux mobiles 14, 15, la tension des tapis et la position des rouleaux mobiles sont gérées par un ordinateur. La rapidité d'enroulement et le taux de compression possible sans détérioration des matelas fibreux sont meilleurs qu'avec les enrouleuses antérieures. <IMAGE> <IMAGE>

IPC 1-7

B65B 63/02; **B65H 18/26**; **B65H 19/22**

IPC 8 full level

B65H 18/00 (2006.01); **B65B 63/02** (2006.01); **B65H 18/22** (2006.01); **B65H 18/26** (2006.01); **B65H 19/22** (2006.01)

IPC 8 main group level

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B65H 2301/4138 (2013.01 - EP KR US); **B65H 2701/177** (2013.01 - EP KR US); **B65H 2701/1922** (2013.01 - EP KR US);
B65H 2801/81 (2013.01 - EP KR US)

Citation (search report)

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