

Title (en)
METHOD AND APPARATUS FOR BAGGING FIBROUS MATERIALS

Publication
EP 0142438 A3 19860806 (FR)

Application
EP 84402262 A 19841109

Priority
US 55047583 A 19831109

Abstract (en)
[origin: US4602472A] An apparatus and method is provided for packaging a fibrous, preferably compressible material; such as mineral fiber insulation shapes, in which the method and apparatus provides for delivering one or more such shapes (which are preferably rolls) through a staging area to a compression chamber in which they are compressed from a generally cylindrical shape or roll (or rolls) of a first diametral size, to a roll (or rolls) of a second, reduced diametral size, with the roll then being discharged from the compression chamber and being secured to substantially retain the cylindrical configuration of reduced diametral size, preferably by means of a sleeve or the like placed thereover. The operation occurs with a minimum of operator assistance, and may optionally be effected to occur automatically. The package formed may be of various roll lengths, and to this end, in the staging area prior to the compression chamber, the number of rolls that will be simultaneously compressed may be determined. Individual ones of the features are separately presented, such as the compression chamber, which employs a double stage compression, and a discharge arrangement that provides particular efficiency.

IPC 1-7
B65B 63/02; **B30B 9/30**

IPC 8 full level
B65B 27/12 (2006.01); **B30B 9/30** (2006.01); **B65B 63/02** (2006.01)

CPC (source: EP US)
B30B 9/3021 (2013.01 - EP US); **B30B 9/3032** (2013.01 - EP US); **B30B 9/3078** (2013.01 - EP US); **B65B 63/02** (2013.01 - EP US)

Citation (search report)
[X] FR 1274007 A 19611020

Cited by
EP0248576A1; EP0205154A3; RU2481396C1

Designated contracting state (EPC)
AT BE CH DE FR GB IT LI LU NL SE

DOCDB simple family (publication)
EP 0142438 A2 19850522; **EP 0142438 A3 19860806**; **EP 0142438 B1 19880525**; AT E34542 T1 19880615; CA 1302226 C 19920602; DE 3471459 D1 19880630; DK 157989 B 19900312; DK 157989 C 19900806; DK 531184 A 19850510; DK 531184 D0 19841108; FI 844399 A0 19841108; FI 844399 L 19850510; JP H068131 B2 19940202; JP S60158024 A 19850819; US 4602472 A 19860729

DOCDB simple family (application)
EP 84402262 A 19841109; AT 84402262 T 19841109; CA 467507 A 19841109; DE 3471459 T 19841109; DK 531184 A 19841108; FI 844399 A 19841108; JP 23536084 A 19841109; US 55047583 A 19831109