

Title (en)  
DEVICE FOR PACKAGING CYLINDRICAL ELEMENTS

Title (de)  
VORRICHTUNG ZUR VERPACKUNG VON ZYLINDRISCHEN ELEMENTEN

Title (fr)  
DISPOSITIF POUR EMBALLER DES ÉLÉMENTS CYLINDRIQUES

Publication  
**EP 2298649 A4 20130710 (EN)**

Application  
**EP 08787605 A 20080612**

Priority  
ES 2008000424 W 20080612

Abstract (en)  
[origin: EP2298649A1] The invention relates to equipment for packaging cylindrical elements which comprises a loading module (1) for cylindrical elements (15), a forming module (3) in which a tube is obtained from a sheet (28) and the cylindrical elements (15) are introduced, welding means (4) for closing the tube, two clamps (5) for cutting the tube into portions and transversely welding it containing the cylindrical elements (15), an output module (6) moving the cylindrical elements (15), maintaining them grouped according to a general parallelepiped configuration, and a shrink-wrapping module (7) in which the sheet (28) is shrink-wrapped over the cylindrical elements (15) by means of applying hot air, obtaining a stable package (29) having a parallelepiped configuration.

IPC 8 full level  
**B65B 9/06** (2012.01); **B65B 9/073** (2012.01); **B65B 19/34** (2006.01); **B65B 35/52** (2006.01); **B65B 51/30** (2006.01); **B65B 51/32** (2006.01);  
**B65B 53/06** (2006.01)

CPC (source: EP)  
**B65B 9/073** (2013.01); **B65B 19/34** (2013.01); **B65B 51/303** (2013.01); **B65B 53/06** (2013.01); **B65B 51/32** (2013.01)

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CN106275589A; IT20180004017A1; CN106275552A; CN106218946A; CN106275588A; CN106218938A

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