

Title (en)  
COMPRESSING WINDING APPARATUS

Publication  
**EP 0238393 B1 19891018 (FR)**

Application  
**EP 87400521 A 19870310**

Priority  
FR 8603415 A 19860311

Abstract (en)  
[origin: US4765554A] In the packaging of products such as rolls of mineral wool felts, a series of members entrain the felt into a space in which the rolling-up takes place. At least one of these members is mobile in relation to the others in order to alter the size of the space in which the rolling-up takes place as the roll of felt increases in size. This movable member is a roller whose surface contracting the felt is covered with an inorganic coating resistant to abrasion and adapted to have a rough finish.

IPC 1-7  
**B65H 18/16**; **B65H 27/00**

IPC 8 full level  
**B65H 18/22** (2006.01); **B65H 18/16** (2006.01); **B65H 27/00** (2006.01)

CPC (source: EP KR US)  
**B65H 27/00** (2013.01 - EP US); **D04H 17/10** (2013.01 - KR); **B65H 2404/13163** (2013.01 - EP US); **B65H 2701/177** (2013.01 - EP US); **B65H 2701/1846** (2013.01 - EP US); **B65H 2701/1922** (2013.01 - EP US); **Y10S 242/03** (2013.01 - EP US)

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Designated contracting state (EPC)  
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**EP 0238393 A1 19870923**; **EP 0238393 B1 19891018**; AT E47367 T1 19891115; BR 8701122 A 19880105; CA 1281696 C 19910319; CN 87101868 A 19870930; DE 3760802 D1 19891123; DK 122987 A 19870912; DK 122987 D0 19870310; DK 167529 B1 19931115; EG 18102 A 19920830; ES 2011807 B3 19900216; FR 2595673 A1 19870918; FR 2595673 B1 19881104; GR 3000300 T3 19910607; JP S62222955 A 19870930; KR 870009068 A 19871023; NO 870982 D0 19870310; NO 870982 L 19870914; PT 84443 A 19870401; PT 84443 B 19891004; TR 23669 A 19900605; US 4765554 A 19880823; ZA 871752 B 19870831

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