Title (en)

Dunnage converter with separation device and method

Title (de)

Polsterumarbeitungsvorrichtung und -verfahren ohne Schneideeinrichtung

Title (fr)

Convertisseur de fardage sans outil de coupe et procédé

Publication

EP 1762375 A3 20120620 (EN)

Application

EP 06077150 A 20040707

Priority

• EP 04777807 A 20040707
• US 48528303 P 20030707
• US 50476203 P 20030922

Abstract (en)

[origin: EP1762375A2] A tabletop converter (30) has a conversion assembly that inwardly gathers and crumples a stock material (32) to form a strip (34) of dunnage. The conversion assembly includes a feeding assembly (54) that moves the stock material and a controller (60) that controls the feeding assembly to operate in both a forward direction and a reverse direction. To automatically separate a discrete dunnage product from the strip, a holder (164) grabs and holds the strip of dunnage at a holding location downstream of the feeding assembly. The feeding assembly then operates in a reverse direction and urges the strip away from the holding location. This causes the strip to separate at or between the holding location and the feeding assembly, leaving a discrete dunnage product ready for use. The converter is mounted to a stand (40) that allows the converter to rotate relative to part of the stand about both a horizontal axis and a vertical axis.

IPC 8 full level

B31D 5/00 (2006.01); **B26F 3/00** (2006.01); **B26F 3/02** (2006.01); **B31D 1/02** (2006.01); **B31F 1/28** (2006.01); **B65H 35/10** (2006.01)

CPC (source: EP)

B26F 3/02 (2013.01); **B31D 5/0047** (2013.01); B31D 2205/0035 (2013.01); B31D 2205/0058 (2013.01); B31D 2205/007 (2013.01); B31D 2205/0082 (2013.01)

Citation (search report)

[A] US 2002082152 A1 20020627 - MANLEY THOMAS E [US]

Cited by

DE102008039612A1; CN103648760A; DE102008039618A1; WO2024003619A3

Designated contracting state (EPC)

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DOCDB simple family (publication)

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