

Title (en)

Cushioning conversion machine and method with stock roll brake

Title (de)

Polsterumwandlungsmaschine mit Vorrichtung zum bremsen der Vorratsrolle und Verfahren zur deren Benutzung

Title (fr)

Dispositif pour la fabrication de matériaux de rembourrage avec un dispositif pour freiner un rouleau d'alimentation et procédé pour sa mis en oeuvre

Publication

**EP 1197321 A2 20020417 (EN)**

Application

**EP 01307872 A 20010914**

Priority

US 23255900 P 20000914

Abstract (en)

A cushioning conversion machine and method for converting sheet stock material into a three dimensional strip of cushioning are disclosed. The conversion machine includes a conversion assembly and a stock supply assembly. The conversion assembly draws sheet stock material from a stock supply roll whereby the stock supply roll is rotated, and converts the stock material into a three dimensional strip of cushioning. The stock supply assembly supports the stock supply roll (11) and includes a braking assembly (72) movable between a brake engaged position and a brake disengaged position. In the brake engaged position, a braking force is imparted to the stock supply roll to prevent the stock supply roll from rotating. In the brake disengaged position, the braking force is removed from the stock supply roll thereby permitting the stock supply roll to rotate. The braking assembly is biased to the brake engaged position by a biasing member and is urged to the brake disengaged position by a force overcoming the bias.

IPC 1-7

**B31D 5/00**

IPC 8 full level

**B31D 5/00** (2006.01)

CPC (source: EP)

**B31D 5/0047** (2013.01); **B31D 2205/0023** (2013.01); **B31D 2205/0047** (2013.01)

Cited by

EP1581384A4; US8920299B2; WO2008074372A1

Designated contracting state (EPC)

AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE TR

DOCDB simple family (publication)

**EP 1197321 A2 20020417; EP 1197321 A3 20030416**

DOCDB simple family (application)

**EP 01307872 A 20010914**