

Title (en)
METHOD AND APPARATUS FOR DISPENSING AND EXPANDING EXPANDABLE SLIT SHEET MATERIAL

Title (de)
VERFAHREN UND VORRICHTUNG ZUM SPENDEN UND EXPANDIEREN EINES EXPANDIERBAREN GESCHLITZTEN FOLIENMATERIALS

Title (fr)
PROCÉDÉ ET APPAREIL DE DISTRIBUTION ET D'EXPANSION DE MATÉRIAU EN FEUILLE FENDUE EXTENSIBLE

Publication
EP 3787979 A4 20220126 (EN)

Application
EP 19795837 A 20190429

Priority

- US 201862664698 P 20180430
- US 2019029684 W 20190429

Abstract (en)
[origin: WO2019212980A2] A device for expanding and dispensing expandable slit sheet paper includes a pair of support members for a roll of expandable slit sheet paper. The roll of expandable slit sheet paper has an interior core member and a roll of expandable slit sheet paper wound on said interior core member. The interior core member has an axial length that is greater than the width of said slit sheet paper that is wound on said interior core member and has end regions that extend beyond the roll of expandable slit sheet paper. Pressure means is provided for pressing a first end region against its core support member and applying a frictional rotation resistance to the core member end region. The roll of expandable slit sheet paper is mounted on the device by positioning one end region under the pressure means and in a support relationship with its core support member while the roll of expandable slit sheet paper is inclined with respect to the device. The other end region is then moved into its supported position with its core support member. An adjustable downward pressure is exerted on the paper core end region and causing the paper core end region to be pressed against its support member as the paper is pulled. The downward pressure creates the friction required to enable the unexpanded slit sheet to be unwind and fed while simultaneously expanding.

IPC 8 full level
B65B 41/12 (2006.01); **B65D 85/672** (2006.01); **B65H 16/00** (2006.01); **B65H 16/06** (2006.01); **B65H 23/06** (2006.01)

CPC (source: EP KR)
B31D 5/0039 (2013.01 - EP KR); **B31D 5/0065** (2013.01 - EP KR); **B65H 16/005** (2013.01 - EP); **B65H 16/06** (2013.01 - EP); **B65H 23/06** (2013.01 - EP); **B31D 2205/0023** (2013.01 - EP KR); **B31D 2205/0047** (2013.01 - EP KR); **B65H 2301/41308** (2013.01 - EP); **B65H 2301/4134** (2013.01 - EP); **B65H 2402/31** (2013.01 - EP); **B65H 2403/725** (2013.01 - EP); **B65H 2701/1944** (2013.01 - EP)

Citation (search report)

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- [XAI] US 2013240657 A1 20130919 - KUCHAR MATTHEW J [US], et al
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- [A] WO 2017074535 A1 20170504 - RANPAK CORP [US]
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Designated contracting state (EPC)
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

DOCDB simple family (publication)
WO 2019212980 A2 20191107; WO 2019212980 A3 20191212; AU 2019262968 A1 20201126; CN 112533832 A 20210319; DE 212019000270 U1 20210426; EP 3787979 A2 20210310; EP 3787979 A4 20220126; JP 2021520325 A 20210819; KR 20210005900 A 20210115; MX 2020011431 A 20210209

DOCDB simple family (application)
US 2019029684 W 20190429; AU 2019262968 A 20190429; CN 201980043174 A 20190429; DE 212019000270 U 20190429; EP 19795837 A 20190429; JP 2021509726 A 20190429; KR 20207033390 A 20190429; MX 2020011431 A 20190429