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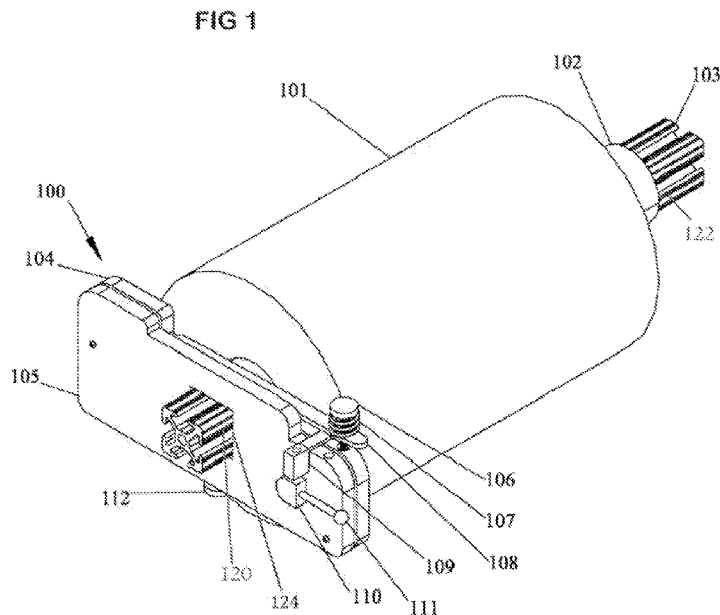
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(54) Title: SLIT SHEET TENSIONING DEVICE



(57) Abstract: An expansion device includes an unexpanded slit sheet roil that is wound on a paper core that is longer than the width of the silt sheet paper roil. The paper core is placed onto a rod member. An adjustable downward pressure is exerted on the paper core and the paper core exerts pressure on the rod 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.



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<p>A. CLASSIFICATION OF SUBJECT MATTER                  IPC(8) - B31D 5/00; B65D 85/672; B65H 16/06; B65H 23/06; B65H 75/18 (2020.01)                  CPC - B31D 5/0065; B31D 2205/0023; B31D 2205/0047; B31D 2205/0064; B31D 2205/007; B65D 85/672; B65H 16/005; B65H 16/06; B65H 23/063; B65H 75/185; B65H 2301/5124; B65H 2701/1944 (2020.05)</p> <p>According to International Patent Classification (IPC) or to both national classification and IPC</p>																				
<p>B. FIELDS SEARCHED</p> <p>Minimum documentation searched (classification system followed by classification symbols) see Search History document</p> <p>Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched see Search History document</p> <p>Electronic data base consulted during the international search (name of data base and, where practicable, search terms used) see Search History document</p>																				
<p>C. DOCUMENTS CONSIDERED TO BE RELEVANT</p> <table border="1"> <thead> <tr> <th>Category*</th> <th>Citation of document, with indication, where appropriate, of the relevant passages</th> <th>Relevant to claim No.</th> </tr> </thead> <tbody> <tr> <td>A</td> <td>US 2015/0165717 A1 (RANPAK CORP.) 18 June 2015 (18.06.2015) entire document</td> <td>1-14</td> </tr> <tr> <td>A</td> <td>WO 2017/074535 A1 (RANPAK CORP.) 04 May 2017 (04.05.2017) entire document</td> <td>1-14</td> </tr> <tr> <td>A</td> <td>US 2015/0122866 A1 (KUCCHAR et al) 07 May 2015 (07.05.2015) entire document</td> <td>1-14</td> </tr> <tr> <td>A</td> <td>US 2014/0027553 A1 (GEAMI LTD.) 30 January 2014 (30.01.2014) entire document</td> <td>1-14</td> </tr> <tr> <td>A</td> <td>WO 2017/039792 A1 (RANPAK CORPORATION) 09 March 2017 (09.03.2017) entire document</td> <td>1-14</td> </tr> </tbody> </table>			Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.	A	US 2015/0165717 A1 (RANPAK CORP.) 18 June 2015 (18.06.2015) entire document	1-14	A	WO 2017/074535 A1 (RANPAK CORP.) 04 May 2017 (04.05.2017) entire document	1-14	A	US 2015/0122866 A1 (KUCCHAR et al) 07 May 2015 (07.05.2015) entire document	1-14	A	US 2014/0027553 A1 (GEAMI LTD.) 30 January 2014 (30.01.2014) entire document	1-14	A	WO 2017/039792 A1 (RANPAK CORPORATION) 09 March 2017 (09.03.2017) entire document	1-14
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