

Title (en)  
SLIT SHEET TENSIONING DEVICE

Title (de)  
SPANNVORRICHTUNG FÜR GESCHLITZTE BLECHE

Title (fr)  
DISPOSITIF DE TENSION DE FEUILLE PERFORÉE

Publication  
**EP 3765281 A2 20210120 (EN)**

Application  
**EP 19919546 A 20190301**

Priority  
• US 201862641352 P 20180311  
• IB 2019001458 W 20190301

Abstract (en)  
[origin: WO2020068153A2] An expansion device includes an unexpanded slit sheet roll that is wound on a paper core that is longer than the width of the slit sheet paper roll. 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.

IPC 8 full level  
**B31D 5/00** (2017.01); **B65D 85/672** (2006.01); **B65H 16/06** (2006.01); **B65H 23/06** (2006.01); **B65H 75/18** (2006.01)

CPC (source: EP KR)  
**B31D 1/0031** (2013.01 - KR); **B31D 5/0065** (2013.01 - EP KR); **B31D 5/0069** (2013.01 - KR); **B65D 85/672** (2013.01 - KR); **B65H 16/005** (2013.01 - EP KR); **B65H 16/02** (2013.01 - KR); **B65H 23/06** (2013.01 - EP KR); **B31D 2205/0023** (2013.01 - KR); **B31D 2205/007** (2013.01 - EP KR); **B31D 2205/0088** (2013.01 - EP KR); **B65H 2301/4134** (2013.01 - EP); **B65H 2301/5124** (2013.01 - EP); **B65H 2701/1716** (2013.01 - EP); **B65H 2701/1944** (2013.01 - EP)

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

Designated extension state (EPC)  
BA ME

DOCDB simple family (publication)  
**WO 2020068153 A2 20200402**; **WO 2020068153 A3 20200924**; **WO 2020068153 A9 20200709**; AU 2019349561 A1 20201001; CA 3093630 A1 20200402; DE 212019000213 U1 20210406; EP 3765281 A2 20210120; EP 3765281 A4 20211222; KR 20200127030 A 20201109; MX 2020009350 A 20210115

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