

Title (en)  
DOWN-HOLDER

Title (de)  
NIEDERHALTER

Title (fr)  
ÉLÉMENT D'APPUI

Publication  
**EP 3025095 A1 20160601 (DE)**

Application  
**EP 14741639 A 20140722**

Priority  
• DE 102013214620 A 20130726  
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Abstract (en)  
[origin: WO2015011144A1] The invention relates to a down-holder 2 which can be fastened to a part to be joined, e.g. a luminaire housing 8, a device support or the like by means of a screw, a fastening rivet or other fastening means, said down-holder being designed to press a press component, e.g. a flat LED circuit board 4, onto the part to be joined. In order to optimize the increasingly restricted installation space, in particular in luminaires, the down-holder comprises fixing means for fixing parts to be clamped, e.g. a primary lens 10 and/or a secondary lens 12.

IPC 8 full level  
**F21V 19/00** (2006.01)

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Citation (search report)  
See references of WO 2015011144A1

Citation (examination)  
• US 2013044475 A1 20130221 - HUTCHENS DANIEL C [US]  
• JP S59134011 A 19840801 - POP RIVET FASTENER KK  
• EP 2489931 A2 20120822 - TOSHIBA LIGHTING & TECHNOLOGY [JP]

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