

Title (en)  
Structure of light-emitting clip button

Title (de)  
Struktur eines lichtemittierenden Klammerknopfs

Title (fr)  
Structure de bouton pince émettant de la lumière

Publication  
**EP 2883465 A1 20150617 (EN)**

Application  
**EP 13196602 A 20131211**

Priority  
EP 13196602 A 20131211

Abstract (en)  
A structure of a light-emitting clip button includes an upper body (10), a circuit board (20), a lower body (30), and a connection piece (40). The upper body (10) has at least one first engagement section (121). The circuit board (20) is arranged in the upper body (10) and has at least one light-emitting element (21) and two conductive pins (22). The light-emitting element (21) is electrically connected to an end of each of the conductive pins (22). The lower body (30) has two coupling troughs (31) and at least one second engagement section (321). Each coupling trough (31) is engageable with the respective conductive pin (22). The first engagement section (121) is engageable with the second engagement section (321). The connection piece (40) connects the upper body (10) and the lower body (30).

IPC 8 full level  
**A41D 27/08** (2006.01); **A44B 1/34** (2006.01)

CPC (source: EP US)  
**A41D 27/085** (2013.01 - EP US); **A44B 1/34** (2013.01 - EP); **A41D 13/01** (2013.01 - EP); **A44C 1/00** (2013.01 - EP); **F21V 21/002** (2013.01 - EP); **F21Y 2115/10** (2016.07 - EP US)

Citation (search report)

- [Y] US 2009052167 A1 20090226 - ONO TADUKO [JP]
- [Y] US 5438488 A 19950801 - DION LARRY [US]
- [Y] US 2002131266 A1 20020919 - NAGHI DAVID [US], et al
- [Y] US 5746500 A 19980505 - CHIEN TSENG-LU [TW]
- [A] US 777191 A 19041213 - ENGLE GEORGE S [US]

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)  
**EP 2883465 A1 20150617**

DOCDB simple family (application)  
**EP 13196602 A 20131211**