

Title (en)
Snap-fit junction device

Title (de)
Schnappverbindungsvorrichtung

Title (fr)
Dispositif de jonction par encliquetage

Publication
EP 2840661 A1 20150225 (EN)

Application
EP 13382335 A 20130820

Priority
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Abstract (en)
The invention provides two interrelated products for a snap-fit junction for an electrical connection provided in the form of a male and a female device having a planar shape. The female device comprises an structural case (1) having a cavity (1.1) housing two strips (2, 3) such that the male device is housed between both strips (2, 3) so that the internal surfaces of the cavity are protected while the electrical continuity is ensured. The male and the female devices may be embodied as terminals or sockets suitable for ground connections in an airplane.

IPC 8 full level
H01R 13/04 (2006.01); **H01R 13/11** (2006.01); **H01R 13/187** (2006.01); **H01R 4/64** (2006.01)

CPC (source: EP)
H01R 13/04 (2013.01); **H01R 13/11** (2013.01); **H01R 13/187** (2013.01); **H01R 13/6275** (2013.01); **H01R 4/64** (2013.01); **H01R 2201/26** (2013.01)

Citation (search report)

- [X] US 2009291600 A1 20091126 - KUTSUNA YOJI [JP]
- [Y] US 4525023 A 19850625 - LAWSON GUSTAF R [US]
- [Y] US 5209680 A 19930511 - FRY RUPERT J [US]

Cited by
DE102016201103A1; FR3059162A1; GB2544412A; GB2544412B; US9716332B1; DE102016201103B4

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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

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BA ME

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