

Title (en)  
Socket for printed circuit boards

Title (de)  
Steckbuchse für Leiterplatten

Title (fr)  
Douille pour carte de circuits imprimés

Publication  
**EP 2187480 B1 20160323 (DE)**

Application  
**EP 09175424 A 20091109**

Priority  
DE 102008058204 A 20081112

Abstract (en)  
[origin: EP2187480A2] The socket has a fitting unit (10) mechanically and electrically connecting the socket with printed circuit boards. A number of contact guides (4) are separated from each other by longitudinal slots (7) and surrounds a connecting passage. The contact guides converge in a direction of a free end (8) of the guides. The contact guides are formed at a closed sheet metal ring (1). The fitting unit is formed at a side turned to the contact guides. The fitting unit is formed as individual contact pins (5) that are separated by slots (9).

IPC 8 full level  
**H01R 12/52** (2011.01); **H01R 12/55** (2011.01); **H01R 12/71** (2011.01); **H01R 13/187** (2006.01)

CPC (source: EP)  
**H01R 12/52** (2013.01); **H01R 12/57** (2013.01); **H01R 13/187** (2013.01)

Citation (examination)  
• US 3564487 A 19710216 - UPSTONE HARLAN R, et al  
• EP 0261778 A1 19880330 - AMPHENOL CORP [US]

Cited by  
DE102012009272A1; DE102017125505A1; CN104183943A; EP3477781A1; CN108110470A; DE202012004650U1; EP3531510A1; CN110190426A; DE102012009272B4; US10707599B2; US11511333B2; WO2019158274A1; EP3568883B1

Designated contracting state (EPC)  
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 SE SI SK SM TR

DOCDB simple family (publication)  
**EP 2187480 A2 20100519; EP 2187480 A3 20120912; EP 2187480 B1 20160323**; DE 102008058204 A1 20100520

DOCDB simple family (application)  
**EP 09175424 A 20091109**; DE 102008058204 A 20081112