

Title (en)  
CONNECTOR

Title (de)  
STECKVERBINDER

Title (fr)  
CONNECTEUR

Publication  
**EP 2942841 A3 20151216 (EN)**

Application  
**EP 15183702 A 20150903**

Priority  
JP 2015111355 A 20150601

Abstract (en)  
[origin: EP2942841A2] A connector includes an inner housing (13, 47) made of an insulating material, at least one signal contact (33) that is accommodated in the inner housing and respectively connected to the at least one high-speed signal transmission line exposed from the shield layer, a signal ground contact (35, 43) that is accommodated in the inner housing and connected to the drain line, a shield portion (32, 36, 44) that is connected to the signal ground contact and surrounds on at least three sides an exposed portion of the at least one high-speed signal transmission line exposed from the shield layer in the inner housing, and a frame ground shell (14) that covers the inner housing and is connected to the braided shield.

IPC 8 full level  
**H01R 13/6597** (2011.01); **H01R 13/6589** (2011.01); **H01R 13/6593** (2011.01); **H01R 13/627** (2006.01); **H01R 13/6463** (2011.01)

CPC (source: EP)  
**H01R 13/6589** (2013.01); **H01R 13/65914** (2020.08); **H01R 13/6593** (2013.01); **H01R 13/6597** (2013.01); **H01R 13/6272** (2013.01); **H01R 13/6461** (2013.01); **H01R 24/562** (2013.01)

Citation (search report)  
• [X] US 2003073331 A1 20030417 - PELOZA KIRK B [US], et al  
• [X] EP 2395606 A1 20111214 - HIROSE ELECTRIC CO LTD [JP]  
• [A] US 5511993 A 19960430 - YAMADA SATOSHI [JP], et al  
• [A] EP 2224552 A2 20100901 - CINCH CONNECTORS INC [US]

Cited by  
DE102019120373A1; CN112436342A; CN107768851A; LU500693B1; EP3783741A1; WO2020014485A1; US11362466B2; US10790619B2; US11394156B2; WO2023046532A1

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 2942841 A2 20151111**; **EP 2942841 A3 20151216**; **EP 2942841 B1 20170809**; JP 2016225172 A 20161228; JP 6422825 B2 20181114

DOCDB simple family (application)  
**EP 15183702 A 20150903**; JP 2015111355 A 20150601