

Title (en)
Reduced-size connector

Title (de)
Verbinder mit reduzierten Abmessungen

Title (fr)
Connecteur de dimension réduite

Publication
EP 1089396 A3 20011128 (EN)

Application
EP 00120811 A 20000923

Priority
JP 27636399 A 19990929

Abstract (en)
[origin: EP1089396A2] A reduced weight and size shielded receptacle connector includes an internal insulative connector housing that has top and bottom walls, but does not have any sidewalls that interconnect the top and bottom walls together. The connector housing has a central support portion for supporting a plurality of conductive terminals within the connector. The terminals are supported within a receptacle portion of the connector that is formed in cooperation with the top and bottom walls of the connector housing and with a pair of metal sidewalls formed by bending a shield member around parts of the connector housing. A metal grounding shield is provided that also overlies a portion of the connector housing and which is retained on the connector housing by the metal shell. The metal shell and the shield cooperate to provide electrical shielding for the terminals in the connector. <IMAGE>

IPC 1-7
H01R 13/658

IPC 8 full level
H01R 12/16 (2006.01); **H01R 13/648** (2006.01); **H01R 13/6582** (2011.01); **H01R 24/12** (2006.01); **H01R 12/72** (2011.01); **H01R 13/658** (2006.01)

CPC (source: EP KR)
H01R 12/00 (2013.01 - EP); **H01R 13/6581** (2013.01 - KR); **H01R 13/6588** (2013.01 - KR); **H01R 12/725** (2013.01 - EP);
H01R 13/6582 (2013.01 - EP)

Citation (search report)
• [X] EP 0928049 A2 19990707 - WHITAKER CORP [US]
• [E] EP 1085604 A2 20010321 - MOLEX INC [US]
• [A] WO 9810492 A1 19980312 - WHITAKER CORP [US], et al
• [A] US 4842554 A 19890627 - COSMOS PETE [US], et al

Cited by
CN102544925A; US9728917B2

Designated contracting state (EPC)
AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE

DOCDB simple family (publication)
EP 1089396 A2 20010404; **EP 1089396 A3 20011128**; CN 1214496 C 20050810; CN 1290054 A 20010404; JP 2001110527 A 20010420;
JP 4417491 B2 20100217; KR 100407443 B1 20031128; KR 20010030518 A 20010416; TW 481384 U 20020321

DOCDB simple family (application)
EP 00120811 A 20000923; CN 00129057 A 20000929; JP 27636399 A 19990929; KR 20000056920 A 20000928; TW 89216827 U 20010130