

Title (en)  
ELECTRONIC ASSEMBLY

Title (de)  
ELEKTRONISCHE BAUGRUPPE

Title (fr)  
ENSEMBLE ÉLECTRONIQUE

Publication  
**EP 4338239 A1 20240320 (DE)**

Application  
**EP 22726462 A 20220429**

Priority  
• DE 102021204799 A 20210511  
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Abstract (en)  
[origin: WO2022238151A1] The invention relates to a shielded electric plug, comprising a plug housing and at least one data line which is arranged within the plug housing for transmitting data in the Gbit/s range. The electric plug has at least one plug side of the data line for electrically contacting the plug with a complementary mating plug and a connection side of the data line for electrically contacting with a circuit carrier. The at least one data line is enclosed by a metal shielding housing at least between the plug side and the connection side. The plug housing additionally comprises at least one connection element with at least one press-in pin for mechanically contacting the plug with the circuit support by means of a press-in connection. The connection element additionally has at least one spring contact element which is designed to elastically rest against the circuit support so as to contact same when the electric plug is pressed in. The at least one press-in pin is designed in the form of a first ground connection, and the at least one spring contact element is designed in the form of at least one second ground connection of the electric plug.

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**H01R 13/6585** (2011.01); **H01R 12/72** (2011.01); **H01R 13/514** (2006.01); **H01R 13/6595** (2011.01); **H01R 24/50** (2011.01); **H01R 43/20** (2006.01); **H01R 103/00** (2006.01)

CPC (source: EP US)  
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