

Title (en)  
SHIELDED PLUG CONNECTOR MODULE

Title (de)  
GESCHIRMTES STECKVERBINDERMODUL

Title (fr)  
MODULE DE FICHE DE CONNEXION BLINDÉ

Publication  
**EP 4122056 A1 20230125 (DE)**

Application  
**EP 21714811 A 20210310**

Priority  
• DE 102020107725 A 20200320  
• DE 2021100247 W 20210310

Abstract (en)  
[origin: WO2021185410A1] In order to improve the shielding of a plug connector module (1, 1') and of a plug connector modular system equipped therewith, in particular against high-frequency interference fields, according to the invention the insulation body (10, 10') of said module is form-fittingly surrounded all around by a shielding element (15, 15'). This additionally allows the earth connection of a metal plug connector modular frame (2) to a shield transfer element (14, 14') of the plug connector module (1, 1') and thus also an earth connection to a mating connector. Thus the shield element (15, 15') itself is also earthed all around and at multiple points, and as a result can suppress the effect of in particular high-frequency electrical and/or magnetic interference fields particularly well.

IPC 8 full level  
**H01R 13/6581** (2006.01); **H01R 13/506** (2006.01); **H01R 13/514** (2006.01); **H01R 13/516** (2006.01); **H01R 13/518** (2006.01); **H01R 13/6583** (2006.01)

CPC (source: EP KR US)  
**H01R 13/504** (2013.01 - US); **H01R 13/506** (2013.01 - EP KR US); **H01R 13/514** (2013.01 - KR US); **H01R 13/516** (2013.01 - EP US); **H01R 13/518** (2013.01 - KR); **H01R 13/6581** (2013.01 - EP); **H01R 13/6582** (2013.01 - US); **H01R 13/6583** (2013.01 - KR); **H01R 43/16** (2013.01 - US); **H01R 13/514** (2013.01 - EP); **H01R 13/518** (2013.01 - EP); **H01R 13/6583** (2013.01 - EP)

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