

Title (en)  
PROTECTIVE CONDUCTOR CONNECTION

Title (de)  
SCHUTZLEITERANSCHLUSS

Title (fr)  
BORNE POUR CONDUCTEUR DE PROTECTION

Publication  
**EP 3925032 A1 20211222 (DE)**

Application  
**EP 20708028 A 20200211**

Priority  
• DE 102019103561 A 20190213  
• DE 102019103772 A 20190214  
• DE 2020100088 W 20200211

Abstract (en)  
[origin: WO2020164664A1] A protective conductor connection for the connection of a protective conductor (5) to a current rail (11) of a grounding element (1) which extends in a plug-in direction (S) of a plug connector and which is provided on a wall (60) of an isolating body (6) of the plug connector, having the features: the grounding element (1) has a mounting region (10) for mounting on the wall (60) and has a contact element (15) for providing electrical contact with a counterpart plug connector and has a contact surface for providing electrical contact with a plug connector housing; a spring element (2) and an actuating element (3) are provided on the mounting region (10), wherein the actuating element (3) and the spring element (2) are designed and arranged such that the actuating element (3), during actuation thereof, interacts with the spring element (2) such that, in a first position (P1) of the actuating element (3) in the plug-in direction (S), a contact connection for the protective conductor (2) to the current rail (11) is opened by means of the spring element (2), and in a second position (P2) of the actuating element (3) in the plug-in direction (S), a contact connection for the protective conductor (5) to the current rail (11) is closed by means of the spring element (2).

IPC 8 full level  
**H01R 4/48** (2006.01); **H01R 4/64** (2006.01); **H01R 9/24** (2006.01); **H01R 13/6583** (2011.01)

CPC (source: EP KR US)  
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