

Title (en)  
SOCKET OUTLET

Title (de)  
STECKDOSE

Title (fr)  
SORTIE DE PRISE FEMELLE

Publication  
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Application  
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Abstract (en)  
[origin: WO2016039631A1] A socket (100) comprises a cover (120) with a cylindrical well face (130) having greater diameter than an enveloping cylinder (230) about an existing, predefined plug (200), at least two contact holes (121) adapted to receive contact pins (211) for transmitting electrical power, wherein each contact hole (121) is located at the bottom of a concave contact pin-guide (141, 142). Ground terminals (112) are arranged in the well (130). When a plug is inserted in the well (130), the contact pins on the plug slide along the concave guides (141, 142) toward the contact holes (121). Thereby, the plug is rotated about the cylindrical well's axis of rotation symmetry. In one embodiment, the contact pins of the plug is longer than the distance between the contact holes (121) and the top of the ground terminals (112). Thereby, the plug may rotate in the well (130) unhindered by the ground terminals (112). An alternative embodiment where the ground terminal is a ground pin for a polarised socket is also disclosed.

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