

Title (en)  
ELECTRICAL PLUG AND SOCKET ASSEMBLY

Title (de)  
ANORDNUNG AUS ELEKTRISCHEM STECKER UND BUCHSE

Title (fr)  
ENSEMBLE DE PRISE ELECTRIQUE

Publication  
**EP 3317926 B1 20210331 (FR)**

Application  
**EP 16748325 A 20160628**

Priority  
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• FR 2016051585 W 20160628

Abstract (en)  
[origin: WO2017001755A1] The invention relates to an electrical plug and socket assembly comprising: a base (1) including at least two first electrical contacts (120, 121) and a first magnetic portion (13) arranged so as to move by magnetic attraction to move the first two electrical contacts toward the outside of the base (1); a plug (2) comprising two second electrical contacts (220, 221) intended to electrically connect to the first two electrical contacts (120, 121) when same are outside the base (1) and a second magnetic portion (23) to move, by magnetic attraction, the first magnetic portion (13) to drive the first electrical contacts (120, 121) toward the outside of the base; the first magnetic portion (13) or the second magnetic portion (23) comprises at least one permanent magnet (15, 16, 25, 26) such as to form a magnetic circuit when the plug (2) is brought near the base (1).

IPC 8 full level  
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Cited by  
FR3133276A1; FR3132797A1; WO2023165928A1; WO2023151940A1; FR3119492A1; FR3135838A1; WO2023222811A1; FR3120275A1; WO2022184566A1

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