

Title (en)
WATERPROOF POWER SOCKET

Title (de)
NETZANSCHLUSSBUCHSE MIT EINEM DICHTUNGSELEMENT

Title (fr)
PRISE DE COURANT ETANCHE

Publication
EP 3216094 B1 20201007 (DE)

Application
EP 15787219 A 20151030

Priority
• DE 102014222553 A 20141105
• EP 2015075215 W 20151030

Abstract (en)
[origin: WO2016071218A1] In a home appliance (10; 110; 210; 310) comprising a mains socket (12; 112; 212; 312) for plugging in a mains connection cable (70; 170) having a plug (72; 172; 272; 372) that mates with the mains socket, the mains socket is provided with a sealing element (50; 150; 250; 350) that establishes moisture protection between the mains socket and the mating plug. In a mains connection cable (170) comprising an appliance plug (172; 272) for plugging in the mains connection cable in a mains socket (12; 112; 212; 312) of a home appliance (10; 110; 210; 310), the appliance plug (172; 272) is provided with a sealing element (184; 284) that establishes moisture protection between the appliance plug and the mating mains socket.

IPC 8 full level
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CPC (source: CN EP)
H01R 13/506 (2013.01 - CN EP); **H01R 13/5219** (2013.01 - CN EP); **H01R 13/743** (2013.01 - CN EP); **H01R 24/76** (2013.01 - CN EP)

Citation (examination)
• JP 2006059569 A 20060302 - TOKAI RIKI CO LTD
• US 2011053408 A1 20110303 - TSURUTA SATOSHI [JP], et al
• DE 29710984 U1 19970821 - FESTO KG [DE]
• US 4611872 A 19860916 - ITO KATSUYA [JP], et al
• US 4058358 A 19771115 - CARLISLE ROGER P
• CN 101498955 B 20120509 - LENOVO BEIJING CO LTD
• DE 102005040241 A1 20070301 - TALLER GMBH [DE]

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