

Title (en)  
PLUG SOCKET

Title (de)  
STECKERBUCHSE

Title (fr)  
PRISE ÉLECTRIQUE

Publication  
**EP 4371191 A1 20240522 (DE)**

Application  
**EP 22740303 A 20220623**

Priority  
• AT 505692021 A 20210712  
• EP 2022067144 W 20220623

Abstract (en)  
[origin: WO2023285098A1] The invention relates to an electrical connector, in particular a socket, comprising a housing (1) in which a first insertion opening (2) is formed, at least one contact carrier (15) for at least one electrical contact element (17), and a locking assembly (25, 26) for an inserted complementary connector. A locking arm (25) can be kept out of engagement with the complementary connector by an actuating element (26) which, starting from a passive position, can be moved manually into an active position. For the shortest possible design of the connector, the actuating part (32) is positioned at the outermost rear end of the actuating element (26) and no part of the actuating element (26) projects rearwardly over it.

IPC 8 full level  
**H01R 13/516** (2006.01); **H01R 13/627** (2006.01); **H01R 13/633** (2006.01); **H01R 24/64** (2011.01)

CPC (source: EP)  
**H01R 13/516** (2013.01); **H01R 13/6335** (2013.01); **H01R 13/6275** (2013.01); **H01R 24/64** (2013.01)

Designated contracting state (EPC)  
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)  
BA ME

Designated validation state (EPC)  
KH MA MD TN

DOCDB simple family (publication)  
**WO 2023285098 A1 20230119**; CN 117441271 A 20240123; EP 4371191 A1 20240522; JP 2024521335 A 20240531

DOCDB simple family (application)  
**EP 2022067144 W 20220623**; CN 202280039804 A 20220623; EP 22740303 A 20220623; JP 2023573606 A 20220623