

Title (en)
ELECTRIC PLUG CONNECTION

Title (de)
ELEKTRISCHE STECKVERBINDUNG

Title (fr)
CONNECTEUR ELECTRIQUE A FICHES

Publication
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Application
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Abstract (en)
[origin: US5906520A] PCT No. PCT/EP95/02364 Sec. 371 Date Mar. 24, 1997 Sec. 102(e) Date Mar. 24, 1997 PCT Filed Jun. 19, 1995 PCT Pub. No. WO96/00994 PCT Pub. Date Jan. 11, 1996The invention relates to an electric plug connection (1) with a plug holder (7) and a pin (3), especially a round-section pin (3), in which the plug holder (7) has a holding compartment which is an axially compressible coil spring (2) having individual turns (5, 6) with the turns (5) largely having the same main diameter (dh). In order to reduce wear to the minimum even with frequent plug-in cycles and also not to increase the plugging force excessively, the invention proposes that the main diameter (dh) be larger than the outside diameter (d) of the pin (3) and that one or a few of the contact windings (6) have a smaller contact diameter than the main diameter (dh) and than the outside diameter (d) of the pin (3).

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