

Title (en)
ELECTRIC PLUG

Title (de)
ELEKTRISCHER STECKVERBINDER

Title (fr)
PRISE ELECTRIQUE

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Application
EP 00935714 A 20000612

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• KR 0000621 W 20000612
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Abstract (en)
[origin: WO0077888A1] Disclosed is an electric plug molded by a synthetic resin or having upper and lower cases joined to each other by a clamp screw, terminal bars (30), a power line (40), and a body (20) integrally formed, including a mounting hole (22) formed through the body (20) parallel with the terminal bars (30); and a separator (50) slidably inserted into the mounting hole (22) and serving to separate the electric plug from the socket. The plug further includes a race (22a) formed on a given position of the mounting hole (22), and a catch (52) formed in the separator (50) and having an elasticity to mate with the race (22a). The body (20) has concavities (21) formed on a rear part so as to let the body (20) be easily seized with fingers. The separator (50) has a seizing part (51) formed on an end to push the separator (50) to the body's inside and prevent the separator (50) from being completely removed from the body (20). The present invention prevents an erroneous operation of an electric appliance and a leakage of electricity that may occur due to an inappropriate removing method.

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Citation (search report)
• [X] GB 663920 A 19511227 - GEORGE ALFRED ARCHER CAMPBELL
• [X] DE 2907967 B1 19800724 - MERTEN GMBH & CO KG GEB
• [XA] US 2445608 A 19480720 - DETWEILER WILBUR O
• See references of WO 0077888A1

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