

Title (en)

BRIDGING MEANS FOR SAFETY PLUG WITH HOLLOW CYLINDRICAL PINS FOR THE CURRENT AND EARTH LEADS

Publication

EP 0332034 B1 19930602 (DE)

Application

EP 89103548 A 19890301

Priority

DE 3807716 A 19880309

Abstract (en)

[origin: EP0332034A2] In a safety plug for electrical apparatuses which can be connected to a mains socket, having an essentially U-shaped bridging means for holding and fixing hollow-cylindrical connecting pins for the current and earth leads of a load cable in the open region of the U, and for holding the contact pins, which are connected electrically to the current lead connecting pin, on the base of the U, a moulded part (21, 30) having a conical perforating hole (23, 32) is placed in front of at least one of the connecting pins (16, 19), the smaller hole diameter resting on the end face of the connecting pins (16, 19) and the material thickness of the moulded part (21, 30) being selected, at least in the region of the perforating holes (23, 32), such that on insertion of the stripped lead ends, small individual wires which are somewhat bent over come to rest inside the corresponding perforating hole (23, 32). In consequence, the production of the plugs can be simplified and the electrical safety can be improved at the same time. <IMAGE>

IPC 1-7

H01R 19/06

IPC 8 full level

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CPC (source: EP)

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Cited by

EP0452761A1; EP0452760A1; EP0391298A3; BE1006306A3; EP0468315A1; CN102270786A; EP0918375A1; EP0773606A3

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