

Title (en)
Electrical connector.

Title (de)
Elektrischer Steckverbinder.

Title (fr)
Connecteur électrique.

Publication
EP 0570650 B1 19950510 (DE)

Application
EP 92810391 A 19920522

Priority
EP 92810391 A 19920522

Abstract (en)
[origin: EP0570650A1] In the case of an electrical plug connector (1) having at least two main contacts, which consist of main contact pins (5) and associated main contact sockets (15), and having a plurality of control contacts, which consist of control contact pins (20) and associated control contact sockets (21), a design is achieved which has small external dimensions, is protected against being touched (against producing electric shocks), is proof against pressurised water, is suitable for relatively high voltages and can be used for different voltages and currents, in that the main contact pins (5) and the control contact pins (20) are arranged side by side in a first insulating body (2), and the main contact sockets (15) and the control contact sockets (21) are arranged side by side in a second insulating body (12), in that each of the main contact pins (5) in the first insulating body (2) is arranged intrinsically completely recessed in a first blind hole (3), and in that each of the main contact sockets (15) projects out of the second insulating body (12) and is completely surrounded at the side by a first insulating sheath (13) which is integrally formed on the second insulating body (12) and completely fills the first blind hole (3) around the associated main contact pin (5) when the plug connector (1) is joined together (made, connected). <IMAGE>

IPC 1-7
H01R 13/52

IPC 8 full level
H01R 13/52 (2006.01)

CPC (source: EP)
H01R 13/5221 (2013.01)

Cited by
EP2991169A1; EP0892466A1; NL1006605C2; US6109945A; US10950966B2; US10424872B2; WO2016030084A1; DE102007027760A1; US8398419B2; US6386913B1

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DE

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