

Title (en)
Electrical connection

Title (de)
Elektrische Steckverbindung

Title (fr)
Connexion électrique

Publication
EP 0703643 B1 20010711 (DE)

Application
EP 95114141 A 19950908

Priority
DE 4433453 A 19940920

Abstract (en)
[origin: EP0703643A1] An electrical connector has a plug unit (1) that has a number of contact pin elements (3) that are located in parallel within formed chambers (2). The ends of the pins are formed with spring elements (4) that expand to engage a recessed section to securely retain them within the housing. The top section of the pins fit within the bores and have sealing elements (5) to protect against moisture. The plug engages a bush-type mating socket and built into the socket is a mechanical interlock unit (7) that reacts to the relative movement between the bush and socket and a transverse motion occurs to securely latch the parts.

IPC 1-7
H01R 13/436; **H01R 13/639**

IPC 8 full level
H01R 13/436 (2006.01); **H01R 13/639** (2006.01)

CPC (source: EP)
H01R 13/4361 (2013.01)

Cited by
DE10037750B4; US6283799B1

Designated contracting state (EPC)
DE ES FR GB IT SE

DOCDB simple family (publication)
DE 4433453 A1 19960321; **DE 4433453 C2 19970925**; DE 59509400 D1 20010816; EP 0703643 A1 19960327; EP 0703643 B1 20010711; ES 2158922 T3 20010916

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