

Title (en)
Waterproof pressure contact connector

Title (de)
Wasserdichter Druckkontakt-Steckverbinder

Title (fr)
Connecteur étanche à contacts par pression

Publication
EP 1498991 B1 20080102 (DE)

Application
EP 04013498 A 20040608

Priority
DE 10332298 A 20030716

Abstract (en)
[origin: EP1498991A1] Pressure contact plug connector has a sliding seal (13) in which pressure contact pins (5) are guided so that the pins slide along the seal to join the plug connector parts (1, 2) together. Independent claims are also included for the following: (1) Contact element for the pressure contact plug connector; and (2) Process for the production of the contact element.

IPC 8 full level
H01R 13/52 (2006.01); **H01R 13/24** (2006.01); **H01R 13/622** (2006.01)

CPC (source: EP US)
H01R 13/2421 (2013.01 - EP US); **H01R 13/521** (2013.01 - EP US); **H01R 13/622** (2013.01 - EP US)

Citation (examination)

- EP 1498990 A1 20050119 - SCHALTBAU GMBH [DE]
- DE 20119352 U1 20020314 - FESTO AG & CO [DE]
- US 3080544 A 19630305 - CLIFFORD STOTT, et al

Cited by
CN111355108A; KR20210113997A; US11258209B2; WO2012107545A1; WO2020124755A1; EP2652408B1

Designated contracting state (EPC)
DE FR IT

DOCDB simple family (publication)
EP 1498991 A1 20050119; EP 1498991 B1 20080102; DE 10332298 A1 20050203; DE 10332298 B4 20180927; DE 502004005804 D1 20080214; US 2005037651 A1 20050217; US 7140897 B2 20061128

DOCDB simple family (application)
EP 04013498 A 20040608; DE 10332298 A 20030716; DE 502004005804 T 20040608; US 89152004 A 20040715