

Title (en)

Connection system for connecting electrical lines

Title (de)

Steckverbindersystem zur Verbindung elektrischer Leitungen

Title (fr)

Système de connexion pour connecter des lignes électriques

Publication

**EP 1411595 A3 20060111 (DE)**

Application

**EP 03022062 A 20031002**

Priority

DE 20216115 U 20021018

Abstract (en)

[origin: EP1411595A2] Sensor plug connector system for connection of electric conductors contains sensor plug (1) and socket part (2) which, when engaged together, are protected against moisture penetration by at least one seal, as in plug connectors or pressurised pipelines, pref. by geometry of plug and socket parts. Typically plug and socket parts contain a tension relief (5) and seals as in pressurised pipelines. To prevent faulty connection, the plug and socket parts may have optical and/or mechanical coding (8,9).

IPC 8 full level

**H01R 13/52** (2006.01); **H01R 13/645** (2006.01)

CPC (source: EP US)

**H01R 13/5202** (2013.01 - EP US); **H01R 13/6453** (2013.01 - EP US)

Citation (search report)

- [A] US 5302138 A 19940412 - SHIELDS WINSTON E [US]
- [A] EP 1014510 A1 20000628 - REMA LIPPRANDT GMBH CO KG [DE]
- [A] US 2002019177 A1 20020214 - BARTHOLOMEW JOHN M [US]

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LI LU MC NL PT RO SE SI SK TR

DOCDB simple family (publication)

**DE 20216115 U1 20040304**; EP 1411595 A2 20040421; EP 1411595 A3 20060111; US 2004121637 A1 20040624

DOCDB simple family (application)

**DE 20216115 U 20021018**; EP 03022062 A 20031002; US 68335603 A 20031014