

Title (en)
SEALED CONNECTOR WITH SEQUENTIAL CLOSURE

Title (de)
ABGEDICHTETER VERBINDER MIT SEQUENZIELLER SCHLIESSUNG

Title (fr)
CONNECTEUR ETANCHE A FERMETURE SEQUENTIELLE

Publication
EP 1891706 B1 20090311 (FR)

Application
EP 05777171 A 20050609

Priority
FR 2005001438 W 20050609

Abstract (en)
[origin: WO2006131610A1] The invention concerns sealed electrical connectors of the type wherein sealing is obtained by compressing a seal using a mobile elements. The invention also concerns an electrical connector comprising a housing, receiving at least one contact (2) provided with a first terminal (3) for connection to a complementary contact and with a second terminal (4) connected to a cable, the housing including: a module (5) for receiving the contact (2); a slide (8) for compressing a sealing grommet (9) on said cable, mobile between a retracted position for inserting the contacts and an advanced position compressing the grommet (9); a front cover (10) capable of being maneuvered between an advanced position for preventing connection with a complementary connector and a retracted position allowing insertion of the complementary contacts. The slide (8) being provided with first means (12) for preventing the cover (10) from being maneuvered, being retracted when the slide (8) is in advanced position.

IPC 8 full level
H01R 13/436 (2006.01); **H01R 13/52** (2006.01)

CPC (source: EP US)
H01R 13/4365 (2013.01 - EP US); **H01R 13/5208** (2013.01 - EP US); **H01R 13/4368** (2013.01 - EP US)

Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU MC NL PL PT RO SE SI SK TR

DOCDB simple family (publication)
WO 2006131610 A1 20061214; AT E425566 T1 20090315; CN 101199086 A 20080611; CN 101199086 B 20110209; DE 602005013308 D1 20090423; EP 1891706 A1 20080227; EP 1891706 B1 20090311; JP 2008543024 A 20081127; US 2009104805 A1 20090423

DOCDB simple family (application)
FR 2005001438 W 20050609; AT 05777171 T 20050609; CN 200580050087 A 20050609; DE 602005013308 T 20050609; EP 05777171 A 20050609; JP 2008515239 A 20050609; US 92158605 A 20050609