

Title (en)
CONNECTION ADAPTER/TERMINAL SET

Title (de)
SET AUS ANSCHLUSSADAPTER UND ANSCHLUSSKLEMME

Title (fr)
ENSEMBLE COMPOSÉ D'UN ADAPTATEUR DE RACCORDEMENT ET D'UNE BORNE DE RACCORDEMENT

Publication
EP 2263289 A1 20101222 (DE)

Application
EP 09730253 A 20090326

Priority
• EP 2009002214 W 20090326
• DE 102008017915 A 20080408
• DE 102008024172 A 20080519

Abstract (en)
[origin: WO2009124662A1] The invention relates to a set consisting of a connection adapter (1) and a terminal (2). The connection adapter (1) has electrical contacts (7) for connection to a corresponding mating contact of the terminal (2) and the mating contacts are received in respective terminal domes (16), which are formed of an insulating material, in such a manner that the mating contacts are accessible to a contact (7) of the connection adapter (1) through a respective contact guide opening (22) in the associated terminal dome (16). The terminal domes (16) have connection adapter guides which are designed in such a manner as to interact with corresponding terminal guides on the connection adapter (1) to guide the connection adapter (1) from a placement position in which the connection adapter (1) is placed onto the terminal (2) in the correct position and in which the connection adapter (1) and the terminal (2) can be fitted together, to a detent position in which the connection adapter (1) is placed and held on the terminal (2) in such a manner that the electrical contacts (7) of the connection adapter (1) and the corresponding mating contacts of the terminal (2) can be moved relative each other to establish electrical contact.

IPC 8 full level
H01R 13/453 (2006.01); **H01R 31/06** (2006.01)

CPC (source: EP US)
H01R 13/4534 (2013.01 - EP US); **H01R 31/06** (2013.01 - EP US)

Citation (search report)
See references of WO 2009124662A1

Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO SE SI SK TR

Designated extension state (EPC)
AL BA RS

DOCDB simple family (publication)
WO 2009124662 A1 20091015; CN 102057540 A 20110511; CN 102057540 B 20130911; CN 103715578 A 20140409;
CN 103715578 B 20170524; EP 2263289 A1 20101222; EP 2263289 B1 20181205; EP 2306594 A1 20110406; EP 2306594 B1 20170503;
JP 2011517055 A 20110526; JP 5305207 B2 20131002; US 2011104932 A1 20110505; US 8109781 B2 20120207

DOCDB simple family (application)
EP 2009002214 W 20090326; CN 200980121493 A 20090326; CN 201310286471 A 20090326; EP 09730253 A 20090326;
EP 10016154 A 20090326; JP 2011505386 A 20090326; US 93634709 A 20090326