

Title (en)
CONNECTION MODULE HAVING A PIERCING CONTACT TERMINAL

Title (de)
ANSCHLUSSMODUL MIT EINER PIERCING-KONTAKTKLEMME

Title (fr)
MODULE DE CONNEXION AVEC BORNE DE CONTACT DE TYPE PERCE-ISOLANT

Publication
EP 1941589 B1 20120530 (DE)

Application
EP 06806496 A 20061024

Priority
• EP 2006010231 W 20061024
• DE 202005016685 U 20051025

Abstract (en)
[origin: WO2007048572A1] The invention relates to a connection module comprising two terminal parts (6, 7) which engage one inside the other and have outer connections (2, 3, 4, 5) for connecting sensors, actuators or the like. One terminal part (6) has a cable holder (40), which extends in the longitudinal direction of the flat cable (9) and has opposite open ends (44, 45), and the other terminal part (7) bears a set (20a) of contact pins, which cut into the wires (30a, 30b) of the cable (9b) so as to make electrical contact when the terminal parts (6, 7) are fitted. According to the invention, a second set (20b) of contact pins (11b, 12b, 13b) is associated with the holder (40) and lies in the longitudinal direction of the holder (40) at a distance (s) and electrically isolated from the first set (20a) of contact pins (11a, 12a, 13a). The contact pins (11a, 12a, 13a) of the first set (20a) are connected to a first connection (5), and the contact pins (11b, 12b, 13b) of the second set (20b) are connected to a second connection (4). If a first electrical cable (9c) is inserted into the holder (40) via the first open end (45) and a second electrical cable (9b) is inserted into the holder (40) via the second open end (44), the connections are supplied with voltage separately from and independently of one another.

IPC 8 full level
H01R 4/24 (2006.01); **H01R 9/03** (2006.01); **H01R 25/00** (2006.01); **H01R 31/00** (2006.01)

CPC (source: EP US)
H01R 4/2408 (2013.01 - EP US); **H01R 12/616** (2013.01 - EP US); **H01R 25/00** (2013.01 - EP)

Citation (examination)
• FR 2858059 A1 20050128 - MEDITERRANEE CONST IND [FR]
• US 6848933 B1 20050201 - DELANEY III PATRICK J [US], et al
• US 6116931 A 20000912 - MCCLEEREY EARL WILLIAM [US], et al

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CN106410432A

Designated contracting state (EPC)
CH DE FR IT LI

DOCDB simple family (publication)
DE 202005016685 U1 20060216; EP 1941589 A1 20080709; EP 1941589 B1 20120530; WO 2007048572 A1 20070503

DOCDB simple family (application)
DE 202005016685 U 20051025; EP 06806496 A 20061024; EP 2006010231 W 20061024