

Title (en)
Swiveling cable connector

Title (de)
Kabeldrehverbinder

Title (fr)
Connecteur rotatif pour câble

Publication
EP 1383205 A1 20040121 (EN)

Application
EP 03356102 A 20030703

Priority
IL 15076202 A 20020716

Abstract (en)
The invention provides a water-immersible, swiveling cable connector, having a first housing member in which is tightly embedded one end portion of a first multi-lead cable, of two such cables to be connected; a second housing member fixedly and sealingly attachable to the first housing member; a plurality of spring-loaded contact plungers, at least indirectly mounted in one of the housing members, each plunger being conductively connected to one each of the leads of the embedded first multi-lead cable; a rotor member rotatably accommodated in the other one of the housing members, in which member is tightly embedded one end portion of a second multi-lead cable; a plurality of contact surfaces substantially concentrically arranged and at least indirectly mounted in the rotor member, each of the surfaces being conductively connected to one each of the leads of the second multi-lead cable. Upon the first and the second housing members being mutually connected, the contact plungers are brought into contact with the contact surfaces, whereby the cable connector enables the first and the second multi-lead cables to carry out a rotary movement relative to each other about an axis substantially co-linear with the respective axes of their end portions of the first and second multi-lead cables, while their respective leads remain in continuous, conductive connection. <IMAGE>

IPC 1-7
H01R 13/523

IPC 8 full level
H01R 13/523 (2006.01)

CPC (source: EP)
H01R 13/523 (2013.01)

Citation (search report)
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