

Title (en)

SHAPE-MEMORY MATERIAL COUPLING FOR THE CONNECTION OF ELECTRICAL-CONTACT AREAS

Publication

EP 0211735 B1 19900516 (FR)

Application

EP 86401597 A 19860717

Priority

FR 8511088 A 19850719

Abstract (en)

[origin: US4810201A] The coupling is constituted by a split sleeve (1) made of material having shape memory. The sleeve (1) is capable of occupying a first memorized shape state (I) in which electrical and mechanical interconnection is provided between electrical conductors (2, 3). In a second memorized shape state (II) the sleeve allows the conductors to be freely inserted or removed from the sleeve (1). The sleeve is capable of passing reversibly between said first and second states under the effects of temperature changes.

IPC 1-7

H01R 4/18

IPC 8 full level

H01R 4/58 (2006.01); **H01R 4/01** (2006.01); **H01R 4/20** (2006.01)

CPC (source: EP US)

H01R 4/01 (2013.01 - EP US)

Cited by

US4927370A; CN108884801A

Designated contracting state (EPC)

BE CH DE FR GB IT LI LU NL SE

DOCDB simple family (publication)

FR 2585191 A1 19870123; **FR 2585191 B1 19880930**; CA 1296788 C 19920303; DE 3671330 D1 19900621; EP 0211735 A1 19870225; EP 0211735 B1 19900516; JP S6264074 A 19870320; US 4810201 A 19890307

DOCDB simple family (application)

FR 8511088 A 19850719; CA 514100 A 19860718; DE 3671330 T 19860717; EP 86401597 A 19860717; JP 16818586 A 19860718; US 88771386 A 19860721