

Title (en)
Contact device

Title (de)
Kontaktvorrichtung

Title (fr)
Dispositif de contact

Publication
EP 0975058 A3 20010801 (DE)

Application
EP 99114194 A 19990723

Priority
DE 29813239 U 19980724

Abstract (en)
[origin: EP0975058A2] The contact device has a pair of elastic contact elements Ä1,2Ü that are normally separated by spacer elements Ä4Ü set at different intervals. One of the contacts is supported on a surface Ä10Ü and the contact ends are coupled to a cable Ä1',2'Ü. An actuator above the top contact operates at points between the spacer elements and when a force is applied the contacts are brought into engagement.

IPC 1-7
H01R 13/24; H01R 13/703; H01H 3/14; B60Q 1/14

IPC 8 full level
B60R 16/02 (2006.01); **H01H 1/24** (2006.01); **H01H 13/18** (2006.01); **H01H 13/52** (2006.01); **H01H 3/14** (2006.01)

CPC (source: EP US)
H01H 1/24 (2013.01 - EP US); **H01H 3/142** (2013.01 - EP US)

Citation (search report)

- [X] US 2728827 A 19551227 - TOWLE ROBERT G
- [X] DE 4034539 A1 19910502 - TOYODA GOSEI KK [JP]
- [X] US 3838236 A 19740924 - CORN P, et al
- [X] US 5085462 A 19920204 - GUALTIER QUENTIN E [US]
- [X] US 4742192 A 19880503 - LEVINE AARON B [US], et al
- [A] FR 2745776 A1 19970912 - ECIA EQUIP COMPOSANTS IND AUTO [FR]

Cited by
DE102018131324A1; DE202014002484U1; CN103889786A; WO2020115094A1; DE102015003473A1

Designated contracting state (EPC)
AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE

DOCDB simple family (publication)
DE 29813239 U1 19981001; DE 59914115 D1 20070215; EP 0975058 A2 20000126; EP 0975058 A3 20010801; EP 0975058 B1 20070103;
JP 2000048674 A 20000218; US 6365853 B1 20020402

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