

Title (en)
Contact with an improved locking element

Title (de)
Kontakt mit verbessertem Verriegelungselement

Title (fr)
Contact avec élément de verrouillage perfectionné

Publication
EP 1289071 A3 20040421 (EN)

Application
EP 02018121 A 20020814

Priority
• EP 02018121 A 20020814
• EP 01120857 A 20010830

Abstract (en)
[origin: EP1289071A2] A contact (2) having a contact spring (12), a contact positioner (11), and a locking element (5). The contact spring (12) having resilient contacts (40). The contact positioner (11) receives the contact spring (12) for connection to an electrical conductor (9). The locking element (5) has a guide face (10) with a locking side (13) that maintains the contact (2) in a housing (1). A cover (19) covers the locking side (13) to form a closed surface. A guide plate (28) is integrally formed with cover (19) and covers the lateral side of the guide face (10) to form a closed surface. The cover (19) and guide plate (28) enlarge a seal opening (18) of the housing (1) to prevent the seal (4) from damage by the locking element (5) when the contact (2) is inserted and withdrawn from the housing (1). <IMAGE>

IPC 1-7
H01R 13/20

IPC 8 full level
H01R 13/187 (2006.01); **H01R 13/422** (2006.01); **H01R 13/52** (2006.01); **H01R 13/436** (2006.01)

CPC (source: EP)
H01R 13/187 (2013.01); **H01R 13/4223** (2013.01); **H01R 13/5208** (2013.01); **H01R 13/113** (2013.01); **H01R 13/4364** (2013.01); **H01R 13/5219** (2013.01)

Citation (search report)
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• [A] US 5672075 A 19970930 - MAEJIMA TOSHIRO [JP]
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Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LI LU MC NL PT SE SK TR

DOCDB simple family (publication)
EP 1289071 A2 20030305; EP 1289071 A3 20040421; EP 1289071 B1 20061213

DOCDB simple family (application)
EP 02018121 A 20020814