

Title (en)

Screwless spring connection for electrical conductors in an insulating housing

Title (de)

In einem Isolierkörper angeordnete schraubenlose Anschluss- oder Verbindungsklemme für elektrische Leiter

Title (fr)

Borne de branchement sans vis pour conducteurs électriques intégrée dans un boîtier isolant

Publication

EP 1133004 A3 20050413 (DE)

Application

EP 01105256 A 20010305

Priority

DE 10011252 A 20000308

Abstract (en)

[origin: EP1133004A2] The clamp has at least one contact body (13,18) and a clamp spring (14) of a different material, attached to the clamp body at a coupling region, with a spring arm (20) extending in the conductor insertion direction, for clamping the inserted conductor against the contact body. The coupling region of the clamp spring lies on the opposite side of the contact body to the spring arm, the insulating block enclosing the clamp provided with positioning elements for both the contact body and the clamp spring.

IPC 1-7

H01R 4/48

IPC 8 full level

H01H 1/58 (2006.01); **H01R 4/48** (2006.01)

CPC (source: EP)

H01H 1/5844 (2013.01); **H01R 4/48185** (2023.08)

Citation (search report)

- [X] US 4701000 A 19871020 - SUPRONO PAUL W [US]
- [X] DE 19654523 A1 19980702 - WAGO VERWALTUNGS GMBH [DE]
- [X] DE 2854850 A1 19790628 - KNUDSEN NORDISK ELECT
- [A] AT 402768 B 19970825 - TEKU PLAST GES M B H TECH KERA [AT], et al

Cited by

DE102013105263B3; GB2375234A; GB2375234B; DE102013107292A1

Designated contracting state (EPC)

AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE TR

DOCDB simple family (publication)

EP 1133004 A2 20010912; EP 1133004 A3 20050413; EP 1133004 B1 20061004; DE 10011252 A1 20010920; DE 50111118 D1 20061116; ES 2273758 T3 20070516

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