

Title (en)

Screwless connecting terminal for electric leads

Title (de)

Schraubenlose Anschlussklemme für elektrische Leiter

Title (fr)

Borne de connexion sans vis pour des conducteurs électriques

Publication

EP 1005107 A3 20010307 (DE)

Application

EP 99123332 A 19991123

Priority

DE 19855050 A 19981128

Abstract (en)

[origin: EP1005107A2] The connector has an insulating housing, at least two cable holders with first and second holding elements. The second element (12) is spring-loaded towards the first to clamp a cable end between them. An actuating element opens the holder formed by the holding elements, and a third, spring-loaded holding element (18) forms a second cable holder with the first and/or second holding element that is not opened when opening the main holder.

IPC 1-7

H01R 4/48

IPC 8 full level

H01R 4/48 (2006.01)

CPC (source: EP US)

H01R 4/4816 (2023.08 - EP US); **H01R 4/4821** (2023.08 - EP US); **H01R 4/483** (2023.08 - EP US); **H01R 4/485** (2023.08 - EP US)

Citation (search report)

- [X] DE 8424056 U1 19841115
- [A] US 5083936 A 19920128 - YANG SU-PEI [TW]
- [A] DE 1829453 U 19610413 - GIERSEIPEN ELTECH IND [DE]
- [A] EP 0837526 A1 19980422 - LEGRAND SA [FR], et al
- [A] DE 4014048 A1 19911031 - WAGO VERWALTUNGS GMBH [DE]

Cited by

EP1434307A1; WO2022136280A1

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)

EP 1005107 A2 20000531; EP 1005107 A3 20010307; DE 19855050 A1 20000531

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EP 99123332 A 19991123; DE 19855050 A 19981128