

Title (en)  
Spring terminal and terminal block

Title (de)  
Federklemme und Federklemmenreihung

Title (fr)  
Borne à ressort et barette à bornes

Publication  
**EP 1253670 A3 20030115 (DE)**

Application  
**EP 02006237 A 20020320**

Priority  

- DE 20106998 U 20010423
- DE 20117770 U 20011031

Abstract (en)  
[origin: US2002155750A1] An electrical terminal adapted for connection with a conductor, comprising a hollow electrically conductive terminal containing a chamber receiving a U-shaped spring, and an opening for receiving a conductor that is biased by one leg of the spring into engagement with a given wall of the terminal chamber, the spring one leg having an operating tab portion that extends through a slot contained in the given terminal wall. A plurality of the terminals may be provided in an outer housing that is formed of an electrically insulating synthetic plastic material.

IPC 1-7  
**H01R 4/48**

IPC 8 full level  
**H01R 4/48** (2006.01)

CPC (source: EP US)  
**H01R 4/483** (2023.08 - EP); **H01R 4/48365** (2023.08 - US); **H01R 4/4821** (2023.08 - EP); **H01R 4/484** (2023.08 - EP); **H01R 4/4842** (2023.08 - EP)

Citation (search report)  

- [XY] DE 2002911 A1 19710729 - BBC BROWN BOVERI & CIE
- [YA] DE 3701246 A1 19880728 - JUNG ALBRECHT FA [DE]
- [YA] US 5494456 A 19960227 - KOZEL CHARLES A [US], et al
- [YA] DE 1989058 U 19680711 - BAYERISCHE ELEKTROZUBEHOER G M [DE]
- [YA] DE 2349614 A1 19750410 - WAGO KONTAKTECHNIK GMBH
- [YA] EP 0458410 A1 19911127 - PHILIPS NV [NL]
- [YA] DE 2227557 A1 19731220 - BBC BROWN BOVERI & CIE
- [YA] PATENT ABSTRACTS OF JAPAN vol. 2000, no. 19 5 June 2001 (2001-06-05)

Cited by  
DE102007031194B4; EP3217479A1; WO2011009837A1; DE102007031194A1; EP2023440A2; US7507107B2

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)  
**US 2002155750 A1 20021024; US 6712641 B2 20040330**; AT E324683 T1 20060515; DE 50206521 D1 20060601; EP 1253670 A2 20021030;  
EP 1253670 A3 20030115; EP 1253670 B1 20060426

DOCDB simple family (application)  
**US 12318402 A 20020417**; AT 02006237 T 20020320; DE 50206521 T 20020320; EP 02006237 A 20020320