

Title (en)
Connector with spring contact member and shorting means

Title (de)
Steckverbinder mit federndem Kontakt und Kurzschlussanordnung

Title (fr)
Connecteur avec contact à ressort et des moyens de court-circuitage

Publication
EP 0718918 A1 19960626 (EN)

Application
EP 95201380 A 19950524

Priority
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• EP 94203702 A 19941220

Abstract (en)
Connector block (3) comprising at least one contact member (22) provided with a first contact terminal (10) for electrical contact to a contact terminal (6) of a mating connector (2), a second contact terminal (9) and a spring part (13) giving the contact member a resilient capacity in its axial direction, the first contact terminal (10), the second contact terminal (9) and the spring part (13) being integrally made and the spring part (13) having a corrugated structure; separate ground means (19, 19') are arranged to provide a static discharge capacity for vulnerable electronic components connected to the second contact terminals (9). <IMAGE>

IPC 1-7
H01R 13/24; **H01R 13/648**

IPC 8 full level
H01R 4/48 (2006.01); **H01R 13/05** (2006.01); **H01R 13/22** (2006.01); **H01R 13/24** (2006.01); **H01R 13/648** (2006.01); **H01R 13/703** (2006.01)

CPC (source: EP)
H01R 13/2428 (2013.01); **H01R 13/6485** (2013.01); **H01R 13/7032** (2013.01); **H01R 13/703** (2013.01)

Citation (applicant)
• US 4954087 A 19900904 - LAUKS IMANTS R [US], et al
• US 3903385 A 19750902 - MOYER ARTHUR R, et al
• US 4070557 A 19780124 - OSTAPOVITCH HAROLD JOSEPH
• US 4773877 A 19880927 - KRUEGER GUSTAV [DE], et al
• EP 94202140 A 19940722

Citation (search report)
• [YA] US 4734051 A 19880329 - BURNS EDGAR [US]
• [YA] US 4778404 A 19881018 - PASS RAYMOND V [US]
• [YA] US 4161346 A 19790717 - CHERIAN GABRIEL B [US], et al
• [A] EP 0256541 A2 19880224 - FEINMETALL GMBH [DE]
• [A] DE 4344272 A1 19940630 - WHITAKER CORP [US]
• [A] EP 0573690 A1 19931215 - SPRECHER ENERGIE AG [CH]

Cited by
US5954529A; US5807123A; EP0969560A1; DE19953017A1; US6071141A; DE102012223443A1; US5967856A; EP0898333A3; US6626708B2

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