

Title (en)

Electrically shielded in-line terminal assembly.

Title (de)

Elektrisch abgeschirmte Reihenklemmenanordnung.

Title (fr)

Montage de barrettes à bornes blindées électriquement.

Publication

EP 0403666 B1 19940420 (DE)

Application

EP 89109368 A 19890524

Priority

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Abstract (en)

[origin: EP0403666A1] In this electrically screened in-line terminal assembly, the intrinsically open installation sides of the terminal housing (1) of the relevant in-line terminals are closed by a cover plate (10). The side surface (13) of the terminal housing (1) and also the narrow front, rear and top sides (4, 5, 7) of the terminal housing (1) are metallised merging into one another, leaving free the inner walls of the access openings provided in the terminal housing (1). The cover plate (10) is metallised on all the external surfaces, merging into one another. Furthermore, individual touching surface sections (19, 20) between the terminal housing (1) and the cover plate (10) are likewise metallised. The metallisation extends downwards on the terminal housing (1) as far as a connecting zone to an earth potential. The in-line terminals of the assembly are screened in a completely cage-like manner, all the screening surfaces being at the same potential. <IMAGE>

IPC 1-7

H01R 9/26

IPC 8 full level

H01R 9/26 (2006.01); **H01R 13/648** (2006.01)

CPC (source: EP)

H01R 9/2691 (2013.01); **H01R 13/648** (2013.01)

Citation (examination)

- TOUTE L'ELECTRONIQUE, Nr. 502, März 1985, Seiten 53-55, Paris (FR), P. Leroy: "Les revêtements conducteurs: une solution aux interférences EMI/RFI"
- ELEKTRONIK, Nr. 10, 20. Mai 1983, Seiten 93-96, München (DE), P. Schreyer: "Metallbeschichtung in Kunststoffgehäusen"

Cited by

US5388999A; DE4303717A1; CN114467233A; EP4018517A4; WO9424739A3; US11799248B2

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