

Title (en)
Grounding clip and corresponding method

Title (de)
Erdungsklammer und entsprechendes Verfahren

Title (fr)
Clip de mise à la masse et procédé correspondant

Publication
EP 1855350 A2 20071114 (EN)

Application
EP 07114799 A 20031128

Priority
• EP 03778190 A 20031128
• CA 2413360 A 20021129
• US 43008202 P 20021202

Abstract (en)
A grounding clip (40) for mounting within an antenna tube (10) to enhance antenna grounding is provided. The grounding clip (40) comprises a resilient base ring (44), the base ring (44) having an outer circumference for contact with the antenna tube (10) and a gap in said base ring (44) for compression of said base ring (44). The grounding clip (40) also has at least one resiliently flexible contact pin (42) which is affixed to and extends from a first end of the base ring (44). Each of said at least one contact pin (42) is adapted to contact a base of an antenna (25) along a length of each of said at least one contact pin (42) to enhance antenna grounding. Also provided is a mobile device including the grounding clip (40) in an antenna assembly of the mobile device and a method of using the clip (40) for grounding the antenna (25).

IPC 8 full level
H01Q 1/24 (2006.01); **H01Q 1/48** (2006.01); **H01R 4/48** (2006.01); **H01R 13/115** (2006.01); **H01R 13/187** (2006.01); **H01R 4/64** (2006.01); **H01R 13/03** (2006.01)

CPC (source: EP)
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Citation (applicant)
• EP 0476848 A1 19920325 - ITT [US]
• US 3383645 A 19680514 - ARTHUR MILANESE, et al
• US 5232382 A 19930803 - KARLOVICH ROBERT J [US]
• JP H0697712 A 19940408 - YOKOWO SEISAKUSHO KK

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