

Title (en)
STRUCTURE FOR CONNECTING WIRING CONDUCTOR

Title (de)
STRUKTUR ZUR VERBINDUNG EINES VERDRAHTUNGSLEITERS

Title (fr)
STRUCTURE DE CONNEXION DE CONDUCTEUR DE CÂBLAGE

Publication
EP 2768081 A1 20140820 (EN)

Application
EP 11874076 A 20111012

Priority
JP 2011073380 W 20111012

Abstract (en)
A connection structure of a wiring conductor is formed of: a case (2) of an electronic device; a plate-like wiring conductor (3) insert-molded in the case (2) using resins (2a) and (2b); a wiring terminal surface (3a) formed by bending a tip end of the wiring conductor (3); a hook-like protrusion (3b) provided to the wiring terminal surface (3a); a wiring terminal surface (4a) of an outside wiring terminal (4) fixed by bringing an edge into contact with the hook-like protrusion (3b); a press-fit portion (4f) that bonds a flexible wiring (5) to the outside wiring terminal (4); and a bolt (6) and a nut (7) that fasten the wiring terminal surface (3a) and the wiring terminal surface (4a). When a plurality of wiring terminals are electrically interconnected, a positioning work becomes easier and hence working hours can be shorter.

IPC 8 full level
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CPC (source: EP)
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Cited by
CN109643857A; US10707588B2; WO2017207285A3

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