

Title (en)

Piercing contact, flat cable with piercing contact, flat cable with connector, and methods of manufacturing the same

Title (de)

Durchstechender Kontakt, Flachkabel mit durchstechendem Kontakt, Flachkabel mit Verbinder und deren Herstellungsverfahren

Title (fr)

Contact par perçage, câble plat avec contact par perçage, câble plat avec connecteur et leurs procédés de fabrication

Publication

EP 1530263 B1 20070808 (EN)

Application

EP 04256805 A 20041104

Priority

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Abstract (en)

[origin: EP1530263A1] Apiercing contact (4) is electrically connected to a flat cable (2), which has a belt-like conductor (21) of predetermined width covered by an insulating sheath (22). The contact (1,4) includes: a piercing part (12, 42) pierced through the belt-like conductor (21) for electrical connection; and a contact part (11) connected to the piercing part (12, 42) for electrical connection of the flat cable (2) with an electrical part. The piercing part (12, 42) includes: a bottom plate part (121, 421), having a long shape of narrower width than the width of the belt-like conductor (21) of the flat cable (2); a piercing protrusion (122, 422), erected from a side edge of the bottom plate part (121, 421) in a direction orthogonal to the longitudinal direction of the bottom plate part (121, 421), to be pierced through the belt-like conductor (21) ; and a contacting protrusion (123, 423), erected substantially parallel to the piercing protrusion (122, 422) at a side edge of the bottom plate part (121, 421) at the opposite side of the piercing protrusion (122, 422), to be pierced through the insulating sheath (22) of the flat cable (2) and put in contact with the belt-like conductor (21). <IMAGE> <IMAGE>

IPC 8 full level

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