

Title (en)
Socket contact

Title (de)
Kontakthülse

Title (fr)
Prise de contact

Publication
EP 1530264 A2 20050511 (EN)

Application
EP 04256877 A 20041105

Priority
JP 2003379199 A 20031107

Abstract (en)
A socket contact provides a reduction in thickness and downsizing of a socket connector. The socket contact (120) is for insertion into a wire insertion groove (115) of a socket housing (110) that is provided with the wire insertion groove (115) concaving from the bottom face (111). This socket contact (120) comprises a body (121) that has a bottom plate (121a), an insulation displacement plate (122) that rises from the bottom plate (121a), having a U-shaped slot (122a), and breaks the insulation of the wire (W) and makes a connection with the conductor thereof. An insulation barrel (123) rises from the bottom plate (121a) and grips the insulation of the wire (W) by bending inward, and a pair of contacting pieces (124) that lie side by side in the width direction and have base parts (124a), intermediate parts (124b) that form a receiving part (125) for receiving a redundant part (W1) of the terminal end of the wire (W) between themselves and the insulation displacement plate (122), and rear parts (124c) that contact a header contact (220).

IPC 1-7
H01R 13/10

IPC 8 full level
H01R 4/24 (2006.01); **H01R 13/11** (2006.01); **H01R 13/115** (2006.01)

CPC (source: EP KR US)
H01R 4/24 (2013.01 - KR); **H01R 4/2454** (2013.01 - EP US); **H01R 13/11** (2013.01 - KR); **H01R 13/112** (2013.01 - EP US)

Cited by
CN101834352A; EP3662546A4; US10840614B2

Designated contracting state (EPC)
DE FR GB

DOCDB simple family (publication)
EP 1530264 A2 20050511; **EP 1530264 A3 20060208**; CN 1614818 A 20050511; KR 101175170 B1 20120820; KR 20050044270 A 20050512; TW 200518398 A 20050601

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