

Title (en)
COAXIAL SWITCH CONNECTOR ASSEMBLY

Title (de)
KOAXIALE SCHALTVERBINDUNGANORDNUNG

Title (fr)
ENSEMBLE CONNECTEUR COMMUTATEUR COAXIAL

Publication
EP 0951744 B2 20070905 (EN)

Application
EP 97946787 A 19971217

Priority
• GB 9700531 A 19970113
• IB 9701578 W 19971217

Abstract (en)
[origin: WO9831078A1] A coaxial switching connector for use in cell phones is provided with a phone connector (4) and a cradle connector (10). The cradle connector (10) is mounted in a support structure (8) via a conically shaped coil spring (68). The spring (68) allows both radial and axial displacement of the connector for absorption of tolerances and mechanical solicitation between the cell phone and its cradle.

IPC 8 full level
H01R 13/631 (2006.01); **H01R 13/646** (2011.01); **H01R 13/66** (2006.01)

CPC (source: EP)
H01R 13/6315 (2013.01); **H01R 24/46** (2013.01); **H01R 24/50** (2013.01); **H01R 2103/00** (2013.01)

Citation (opposition)
Opponent :
• JP H08241651 A 19960917 - HIROSE ELECTRIC CO LTD
• US 5652177 A 19970729 - PAN YANG [SG]
• US 5278570 A 19940111 - JARAMILLO GIOVANNI [US], et al

Cited by
DE10237956B3

Designated contracting state (EPC)
DE FR GB SE

DOCDB simple family (publication)
WO 9831078 A1 19980716; AU 5191098 A 19980803; CN 1125512 C 20031022; CN 1244958 A 20000216; DE 69705129 D1 20010712; DE 69705129 T2 20011115; DE 69705129 T3 20080214; EP 0951744 A1 19991027; EP 0951744 B1 20010606; EP 0951744 B2 20070905; GB 9700531 D0 19970305; JP 2001508231 A 20010619; JP 3970939 B2 20070905

DOCDB simple family (application)
IB 9701578 W 19971217; AU 5191098 A 19971217; CN 97181376 A 19971217; DE 69705129 T 19971217; EP 97946787 A 19971217; GB 9700531 A 19970113; JP 53068498 A 19971217