

Title (en)
Power plug

Title (de)
Stecker

Title (fr)
Fiche d'alimentation

Publication
EP 1445837 A1 20040811 (EN)

Application
EP 03250695 A 20030204

Priority
EP 03250695 A 20030204

Abstract (en)
A power plug (1) includes a terminal base (10) having at least one conductive terminal (100) and a ground terminal (101); an electric wire (11) having core wires connected to the conductive terminal and ground terminal, respectively; a cover (12) integrally connected to the terminal base; and a ground mechanism (13) for grounding isolated metal parts (such as screws (102)). The ground mechanism can prevent quality of power provided through the power plug from being deteriorated by electromagnetic effect of the metal parts. <IMAGE>

IPC 1-7
H01R 13/512; **H01R 24/08**

IPC 8 full level
H01R 13/512 (2006.01); **H01R 4/44** (2006.01); **H01R 24/08** (2006.01)

CPC (source: EP)
H01R 4/44 (2013.01); **H01R 13/512** (2013.01); **H01R 13/652** (2013.01); **H01R 24/22** (2013.01); **H01R 24/30** (2013.01); **H01R 2103/00** (2013.01)

Citation (search report)
• [XY] US 4402565 A 19830906 - POLIAK JOHN M [US]
• [Y] US 4634211 A 19870106 - POLIAK JOHN M [US], et al
• [Y] US 4174874 A 19791120 - LEE HOP [US]
• [A] US 6287131 B1 20010911 - DENG C C [TW]
• [A] GB 2282494 A 19950405 - NIFCO INC [JP]

Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LI LU MC NL PT SE SI SK TR

DOCDB simple family (publication)
EP 1445837 A1 20040811; **EP 1445837 B1 20080102**; AT E382968 T1 20080115; DE 60318382 D1 20080214

DOCDB simple family (application)
EP 03250695 A 20030204; AT 03250695 T 20030204; DE 60318382 T 20030204