

Title (en)
Mains power supply plug

Title (de)
Netzkabelsteckanschluss

Title (fr)
Fiche de raccordement au secteur

Publication
EP 0617482 B1 20000517 (DE)

Application
EP 94103267 A 19940304

Priority
DE 4309563 A 19930324

Abstract (en)
[origin: EP0617482A2] In the case of a mains cable plug connection for electrical appliances and electrical tools, the plug which is connected to the electrical cable consists of two plug part halves which are connected to one another and on which latching vanes, which are flexible in an elastically resilient manner, are fastened from the outside by means of a common screw union, which latching vanes secure the plug in a positively locking manner by means of latching shoulders on both sides in the interior of a retaining socket into which it is inserted, with the aid of latching shoulders which engage behind corresponding locking recesses in the retaining socket. <IMAGE>

IPC 1-7
H01R 13/627; H01R 24/00

IPC 8 full level
H01R 13/627 (2006.01); **H01R 13/639** (2006.01); **H01R 24/00** (2006.01); **H01R 24/22** (2011.01)

CPC (source: EP)
H01R 13/6275 (2013.01); **H01R 24/22** (2013.01); **H01R 2103/00** (2013.01)

Cited by
DE202016106821U1; WO2013135589A1; CN104466496A; FR2987942A1; FR3002476A1; GB2517315A; GB2517315B; US9985387B2

Designated contracting state (EPC)
AT CH DE FR GB IT LI

DOCDB simple family (publication)
EP 0617482 A2 19940928; **EP 0617482 A3 19960320**; **EP 0617482 B1 20000517**; AT E193162 T1 20000615; CN 1076894 C 20011226; CN 1099527 A 19950301; DE 4309563 A1 19940929; DE 4309563 C2 19960215; DE 59409346 D1 20000621

DOCDB simple family (application)
EP 94103267 A 19940304; AT 94103267 T 19940304; CN 94103268 A 19940304; DE 4309563 A 19930324; DE 59409346 T 19940304