

Title (en)  
Connection plug for suction pipe

Title (de)  
Saugleitungs-Anschlusstecker

Title (fr)  
Fiche de connexion pour tuyau d'aspiration

Publication  
**EP 1145678 B1 20041208 (DE)**

Application  
**EP 01114106 A 19950126**

Priority  
• DE 4403950 A 19940208  
• EP 95101002 A 19950126

Abstract (en)  
[origin: EP0666051A1] The plug portion (E) of the connector (4) has a number of electrical contacts (8) arranged outside the cross-section of the hose termination (5) with slots or holes (24) positioned so as to accept the pins of the mating connector on the foot of the appliance. The contacts are offset axially from the mouthpiece (25) surrounding the air duct (9). The outside wall (26) has a shoulder (28) co-operating with a counterpart on the foot.

IPC 1-7  
**A47L 9/24**

IPC 8 full level  
**A47L 9/24** (2006.01)

CPC (source: EP)  
**A47L 9/242** (2013.01); **A47L 9/246** (2013.01)

Cited by  
JP5810266B2; EP1369141A1; AU2003204474B2; US6953354B2; WO2006032991A3; US10814091B2; US11311695B2; US10751498B2; US11129954B2; US11318270B2; US10960167B2; US10828482B2; US11058844B2; US11826538B2; US11007340B2; US11458273B2; US11679224B2; US11911564B2

Designated contracting state (EPC)  
AT BE CH DE DK ES FR GB GR IE IT LI LU MC NL PT SE

DOCDB simple family (publication)  
**EP 0666051 A1 19950809; EP 0666051 B1 20020313**; AT E214251 T1 20020315; AT E284163 T1 20041215; CZ 24995 A3 19951018; CZ 291346 B6 20030212; CZ 297566 B6 20070207; DE 4403950 A1 19950810; DE 4403950 B4 20070301; DE 59510100 D1 20020418; DE 59510977 D1 20050113; DK 0666051 T3 20020624; EP 1145678 A2 20011017; EP 1145678 A3 20011128; EP 1145678 B1 20041208; ES 2171472 T3 20020916; ES 2228696 T3 20050416; HK 1040484 A1 20020614; HK 1040484 B 20050708; HU 221042 B1 20020729; HU 9500373 D0 19950328; HU T71010 A 19951128; PL 176797 B1 19990730; PL 178255 B1 20000331; PL 307114 A1 19950821; PT 666051 E 20020930; SK 18095 A3 19951206; SK 283616 B6 20031007; SK 283617 B6 20031007

DOCDB simple family (application)  
**EP 95101002 A 19950126**; AT 01114106 T 19950126; AT 95101002 T 19950126; CZ 20012660 A 19950201; CZ 24995 A 19950201; DE 4403950 A 19940208; DE 59510100 T 19950126; DE 59510977 T 19950126; DK 95101002 T 19950126; EP 01114106 A 19950126; ES 01114106 T 19950126; ES 95101002 T 19950126; HK 02101946 A 20020314; HU 9500373 A 19950207; PL 30711495 A 19950206; PL 33077595 A 19950206; PT 95101002 T 19950126; SK 18095 A 19950209; SK 2042003 A 19950208