

Title (en)  
Electrical connecting unit and related plug connector

Title (de)  
Elektrische Verbindereinheit und Steckverbinder hieraus

Title (fr)  
Unité de raccordement et connecteur à fiche

Publication  
**EP 1014493 A3 20030917 (DE)**

Application  
**EP 99125548 A 19991221**

Priority  
• DE 29823003 U 19981223  
• DE 19953592 A 19991108

Abstract (en)  
[origin: EP1014493A2] The wiring connection unit is provided as a plug connector (1) which has a plastics housing with at least one contact element chamber (10), receiving a stamped metal contact element with knife clamps for engaging a motor winding wire end at one end and a contact device cooperating with an outgoing lead wire at the other end, by engaging an integrated printed circuit board edge, for contacting a respective conductor path. An Independent claim for a connector plug for a wiring connection unit is also included.

IPC 1-7  
**H01R 4/24**; **H01R 13/115**; **H01R 13/627**; **H05K 1/11**

IPC 8 full level  
**H01R 4/24** (2006.01); **H01R 13/627** (2006.01); **H01R 13/506** (2006.01)

CPC (source: EP US)  
**H01R 4/2433** (2013.01 - EP US); **H01R 13/6273** (2013.01 - EP); **H01R 4/2454** (2013.01 - EP US); **H01R 13/506** (2013.01 - EP);  
**H01R 13/6272** (2013.01 - EP)

Citation (search report)  
• [Y] US 5562480 A 19961008 - DREWANZ ANDREAS [US], et al  
• [Y] US 5718599 A 19980217 - ICHIKAWA SHOZOU [JP], et al  
• [A] GB 1522863 A 19780831 - AMP INC & DE 2604241 A1 19760819 - AMP INC

Cited by  
AT504029B1; FR2852362A1; CN102780299A; WO03012926A3

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

DOCDB simple family (publication)  
**EP 1014493 A2 20000628**; **EP 1014493 A3 20030917**; **EP 1014493 B1 20041124**; AT E283555 T1 20041215

DOCDB simple family (application)  
**EP 99125548 A 19991221**; AT 99125548 T 19991221