

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