

Title (en)
Moulded-on electric plug.

Title (de)
Umspritzter elektrischer Stecker.

Title (fr)
Fiche électrique surmoulée.

Publication
EP 0164787 A1 19851218 (EN)

Application
EP 85200781 A 19850515

Priority
NL 8401709 A 19840529

Abstract (en)
The plug comprises two contact pins (1) connected to the cores (17) of a connecting cable (19) and fastened in end parts (3) of an elongate bridge piece (5) of electrically insulating synthetic resin, an electrically insulating housing being moulded around the bridge piece (5) and an adjacent part of the connecting cable (19). In order to save the (expensive) material of the bridge piece (5) and to ensure improved anchoring of the bridge piece in the housing (21) without reducing the resistance of the bridge piece to bending, the intermediate part (9) of the bridge piece extending between the two end parts (3) has an I-shaped cross-section along more than half its length.

IPC 1-7
H01R 19/04

IPC 8 full level
H01R 13/405 (2006.01); **H01R 13/504** (2006.01)

CPC (source: EP)
H01R 24/28 (2013.01); **H01R 13/504** (2013.01); **H01R 2103/00** (2013.01)

Citation (search report)

- [Y] DE 1906579 U 19641217 - BRAUN AG [DE]
- [Y] DE 1981896 U 19680328 - KABELWERKE REINSHAGEN G M B H [DE]
- [Y] DE 1153102 B 19630822 - SIEMENS AG
- [A] DE 538846 C 19311117 - RICHARD GEIMER

Cited by
US6596946B2

Designated contracting state (EPC)
DE FR GB IT

DOCDB simple family (publication)
EP 0164787 A1 19851218; **EP 0164787 B1 19890104**; DE 3567328 D1 19890209; DE 8511857 U1 19850926; JP S60257086 A 19851218; NL 8401709 A 19851216

DOCDB simple family (application)
EP 85200781 A 19850515; DE 3567328 T 19850515; DE 8511857 U 19850420; JP 11230685 A 19850527; NL 8401709 A 19840529