

Title (en)
Interconnector adapter with additional functions

Title (de)
Zwischenstecker mit Zusatzfunktion

Title (fr)
Prise intermédiaire avec fonctions additionnelles

Publication
EP 0678939 B1 19990804 (DE)

Application
EP 95890079 A 19950407

Priority
AT 81494 A 19940419

Abstract (en)
[origin: EP0678939A1] The plug is inserted between the mains supply socket and the supply lead plug of the appliance and incorporates a main converter circuit for an additional function, eg battery charging. The plug pins (1) are directly coupled to contact sleeves (2) within the plug housing (4), cooperating with the pins of the supply lead plug. The plug housing has a recess (9) on the opposite side to the plug pins, for receiving the supply lead plug, with bores (14) in the recess base (13) aligned with the contact sleeves, the outside of the housing having a charging terminal for connection to the electrical appliance, to allow re-charging of its opening battery. <IMAGE>

IPC 1-7
H01R 13/66; **H01R 31/02**

IPC 8 full level
H01R 31/06 (2006.01); **H01R 13/66** (2006.01); **H01R 31/02** (2006.01)

CPC (source: EP US)
H01R 13/6675 (2013.01 - EP US); **H01R 31/02** (2013.01 - EP US)

Cited by
EP2530793A1; FR3040841A1; EP1331705A1; US6739905B2; DE202011101658U1

Designated contracting state (EPC)
AT BE CH DE DK FR IT LI LU NL SE

DOCDB simple family (publication)
EP 0678939 A1 19951025; **EP 0678939 B1 19990804**; AT 405991 B 20000125; AT A81494 A 19990515; AT E183024 T1 19990815; DE 59506502 D1 19990909; JP H0878113 A 19960322; US 5674092 A 19971007

DOCDB simple family (application)
EP 95890079 A 19950407; AT 81494 A 19940419; AT 95890079 T 19950407; DE 59506502 T 19950407; JP 9289595 A 19950418; US 42360095 A 19950417