

Title (en)

Electric device for electric domestic appliances such as a vacuum cleaner, liquid suction device, steam iron and suchlike, for domestic and/or professional use

Title (de)

Elektrisches Gerät für elektrische Haushaltsgeräte wie Staubsauger, Flüssigkeitssauger, Dampfbügeleisen und ähnliche, für den Hausgebrauch und/oder professionellen Gebrauch

Title (fr)

Appareil électrique pour appareils domestiques tel qu'aspirateur, appareil d'aspiration de liquide, appareil de repassage à vapeur à usage domestique et/ou usage professionnel

Publication

EP 1384808 A1 20040128 (EN)

Application

EP 03015008 A 20030702

Priority

IT UD20020149 A 20020704

Abstract (en)

Electric device (10) for electric domestic appliances, such as vacuum cleaners, liquid suction devices, irons or suchlike. The device (10) comprises three autonomous absorption elements (14, 16, 18) to absorb electric loads, able to be selectively connected to the electric network. An electric connection element (24) can be selectively activated to connect, in a first operating condition, a first element (14) directly to the electric network and to exclude the other two elements (16, 18) from electric feed and, in a second operating condition, the first element (14) in series with a second (16) of the elements and, simultaneously, a third (18) of the elements in parallel with the first two, in order to distribute the electric power between the three elements (14, 16, 18). <IMAGE>

IPC 1-7

D06F 75/24; **A47L 11/34**; **A47L 9/28**; **D06F 75/12**; **H05B 1/02**

IPC 8 full level

A47L 9/28 (2006.01); **A47L 11/34** (2006.01); **D06F 75/12** (2006.01); **D06F 75/24** (2006.01)

CPC (source: EP)

A47L 9/28 (2013.01); **A47L 11/34** (2013.01); **A47L 11/40** (2013.01); **D06F 75/12** (2013.01); **D06F 75/24** (2013.01)

Citation (search report)

- [A] EP 0517673 A1 19921209 - NUOVA ROSSI S A S DI PECORARI [IT]
- [A] US 4939342 A 19900703 - FRENS GERRIT [NL], et al
- [A] US 6263596 B1 20010724 - PEDRON JEROME P [FR], et al
- [A] US 4046989 A 19770906 - PARISE CARL, et al
- [A] US 5555595 A 19960917 - LIGMAN JAMES R [US]
- [A] US 2002056170 A1 20020516 - PILEGGI EUGENE J [US]
- [A] US 3940826 A 19760302 - PHILLIPS PAUL E, et al

Cited by

CN108611834A; US7472504B2; WO2006051483A1

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