

Title (en)
HAIR CARE APPLIANCE

Title (de)
HAARPFLEGEGERÄT

Title (fr)
APPAREIL DE SOINS POUR LES CHEVEUX

Publication
EP 1657993 B1 20080416 (EN)

Application
EP 04768191 A 20040826

Priority
• GB 2004003635 W 20040826
• GB 0319969 A 20030827

Abstract (en)
[origin: GB2405584A] The hair iron 10 comprises at least one platen or plate 14 which has a heating element 26 that is either printed, sintered or bonded thereon. The platen may be made of a ceramic composite, such as cordierite, and the heating element may be a metal alloy, such as a silver alloy, in a bonding matrix that is printed on to the platen, e.g. by screen printing. Alternatively the platen may be made of metal, glass or a glass-ceramic composite with insulated heating elements (40, Fig.6) bonded or sintered thereon. The material of the heating elements may be any material with low resistivity and high thermal coefficient of resistance so that temperature control is regulated by the characteristics of the material itself. The heating elements may be provided on the upper or lower side of the platen and may end in terminal pads connected to a battery within the device, or to the mains. The platens may have channels (24, Fig.3) for engagement with the fingers 12, 16, of the device. Alternative interchangeable platens with different shapes to straighten, curl or brush hair are also provided.

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A45D 1/04 (2006.01)

CPC (source: EP)
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