

Title (en)  
Hair iron

Title (de)  
Haareisen

Title (fr)  
Fer à friser

Publication  
**EP 1402798 A1 20040331 (EN)**

Application  
**EP 03256106 A 20030929**

Priority  
KR 20020059311 A 20020930

Abstract (en)  
The hair iron has a pair of heating portions that include a heating plate (20) to which electric current is applied to maintain a uniform temperature. The heating plate is engaged with a connecting part (30), which is mounted in a body (10). The heating plate, connecting part and body are formed with a gap (33) that prevents connecting part coming into direct contact with the body.

IPC 1-7  
**A45D 1/04**

IPC 8 full level  
**A45D 1/04** (2006.01)

CPC (source: EP KR US)  
**A45D 1/04** (2013.01 - EP KR US)

Citation (search report)  
• [X] US 6173718 B1 20010116 - OKUMOTO MASATAKA [JP], et al  
• [XA] US 2001022184 A1 20010920 - LEE MAN TAEK [KR]  
• [A] US 3215148 A 19651102 - ALBERT EMSELLEM, et al

Cited by  
CN101999790A; US8066016B2; WO2006075140A1; WO2006092282A1

Designated contracting state (EPC)  
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LI LU MC NL PT RO SE SI SK TR

DOCDB simple family (publication)  
**EP 1402798 A1 20040331**; KR 100506183 B1 20050809; KR 20040028185 A 20040403; US 2005076932 A1 20050414

DOCDB simple family (application)  
**EP 03256106 A 20030929**; KR 20020059311 A 20020930; US 67380203 A 20030929