

Title (en)  
Hair iron having buffer member

Title (de)  
Haareisen mit Puffer

Title (fr)  
Fer à friser avec tampon

Publication  
**EP 1698249 B1 20090429 (EN)**

Application  
**EP 05021776 A 20051006**

Priority  
KR 20050017244 A 20050302

Abstract (en)  
[origin: EP1698249A1] The present invention relates to a hair iron having a buffer member, particularly to a hair iron having a buffer member, which is located in between two opposing steel plates to help hair passing through the steel plates to be straightened smoothly and prevent thermal deformation of hair. The invention is characterized by a hair iron comprising a first pressing member 10 and a second pressing member 20 to which steel plates 12, 22 having built-in thermal wire heaters 13, 23 are attached, respectively. A buffer member 40 is attached to the steel plate 22 which is attached to the second pressing member 20.

IPC 8 full level  
**A45D 1/06** (2006.01)

CPC (source: EP KR US)  
**A45D 1/04** (2013.01 - EP KR US); **A45D 1/06** (2013.01 - EP US); **A45D 1/08** (2013.01 - KR); **A45D 1/28** (2013.01 - KR);  
**A45D 2/001** (2013.01 - EP US); **A45D 2001/002** (2013.01 - KR)

Cited by  
DE102011078562A1; DE102011077138A1; EP2555650A4; EP2238855A1; GB2524431A; GB2524431B; FR2940894A1; CN102271549A; EP2319355A1; CN102048339A; FR2961667A1; EP2319352A1; CN102068102A; DE102011002402A1; EP2622987A3; FR3122556A1; US8789539B2; WO2014095095A1; WO2011161381A1; WO2010081969A1; WO2013004519A1; WO2012168129A1; DE102011084188A1; EP2609829A2; WO2022233921A1

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

DOCDB simple family (publication)  
**EP 1698249 A1 20060906; EP 1698249 B1 20090429**; AT E429833 T1 20090515; AU 2005242164 A1 20060921; AU 2005242164 B2 20070301; AU 2005242164 C1 20090108; BR PI0504582 A 20070710; CA 2522965 A1 20060902; CA 2522965 C 20120207; CN 100493409 C 20090603; CN 1833571 A 20060920; DE 602005014196 D1 20090610; ES 2323504 T3 20090717; JP 2006239388 A 20060914; JP 4152974 B2 20080917; KR 100596704 B1 20060710; MX PA05011236 A 20060901; US 2006196523 A1 20060907

DOCDB simple family (application)  
**EP 05021776 A 20051006**; AT 05021776 T 20051006; AU 2005242164 A 20051208; BR PI0504582 A 20051006; CA 2522965 A 20051007; CN 200610057823 A 20060301; DE 602005014196 T 20051006; ES 05021776 T 20051006; JP 2005205723 A 20050714; KR 20050017244 A 20050302; MX PA05011236 A 20051019; US 17040705 A 20050629