

Title (en)  
HAIR IRON

Title (de)  
HAARGLÄTTER

Title (fr)  
FER À LISSEUR

Publication  
**EP 2544562 A1 20130116 (DE)**

Application  
**EP 11703671 A 20110214**

Priority  
• DE 102010002795 A 20100311  
• EP 2011052117 W 20110214

Abstract (en)  
[origin: WO2011110403A1] The present invention relates to a hair iron (1), in particular a straightener, having two arms (2, 3) which are mounted one on the other such that they can pivot, wherein an ironing plate (4, 5) is arranged on each of the two arms (2, 3), it being possible for at least one of said ironing plates to be heated. In this case, it is essential to the invention that at least one of the ironing plates (4, 5) is mounted in a spring-elastic manner by means of a spring device (6), and that the spring device (6) has a constant spring characteristic in a predefined region (D), so that a preferably constant compressive force (F) can be exerted on the hair (8) when the hair iron (1) is used.

IPC 8 full level  
**A45D 1/04** (2006.01); **A45D 2/00** (2006.01)

CPC (source: EP)  
**A45D 1/04** (2013.01); **A45D 2/001** (2013.01)

Citation (search report)  
See references of WO 2011110403A1

Designated contracting state (EPC)  
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

DOCDB simple family (publication)  
**DE 102010002795 A1 20110915**; CN 102781275 A 20121114; CN 102781275 B 20160810; EP 2544562 A1 20130116;  
EP 2544562 B1 20150408; ES 2536052 T3 20150520; RU 2504314 C1 20140120; WO 2011110403 A1 20110915

DOCDB simple family (application)  
**DE 102010002795 A 20100311**; CN 201180013459 A 20110214; EP 11703671 A 20110214; EP 2011052117 W 20110214;  
ES 11703671 T 20110214; RU 2012142154 A 20110214