

Title (en)  
A HAIR CURLING DEVICE

Title (de)  
HAARKRÄUSELUNGSGERÄT

Title (fr)  
DISPOSITIF POUR FRISER LES CHEVEUX

Publication  
**EP 2341794 A1 20110713 (EN)**

Application  
**EP 09814098 A 20090515**

Priority  
• EP 2009055919 W 20090515  
• IT BO20080568 A 20080917

Abstract (en)  
[origin: WO2010031603A1] A hair-curling device, of a type comprising a grip (2) for supporting a shaped body (3) having an elongate shape on which a lock of hair is rolled, and electrical heating means (4) associated to the shaped body (3) for defining a predetermined curl in the lock of hair wound on the body (3), the grip (2) fixedly supporting the shaped body (3); the body (3) being symmetrically shaped with respect to relative median horizontal and vertical planes thereof and longitudinally exhibiting a transversal section which varies continuously from a minimum value to a maximum value, and vice versa, according to a predetermined progression.

IPC 8 full level  
**A45D 1/04** (2006.01); **A45D 1/12** (2006.01); **A45D 2/38** (2006.01)

CPC (source: EP US)  
**A45D 1/04** (2013.01 - EP US); **A45D 1/12** (2013.01 - EP US)

Citation (search report)  
See references of WO 2010031603A1

Citation (examination)  
• US 1377655 A 19210510 - GOTTFRIED BEGAS  
• EP 2095736 A1 20090902 - WELLA AG [DE]  
• EP 1201151 A1 20020502 - CATINI MAURO [IT]

Designated contracting state (EPC)  
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 SE SI SK TR

Designated extension state (EPC)  
AL BA RS

DOCDB simple family (publication)  
**WO 2010031603 A1 20100325**; BR PI0918665 A2 20190924; CA 2737501 A1 20100325; CN 102196741 A 20110921; EP 2341794 A1 20110713; ES 2396954 T1 20130301; IT BO20080568 A1 20100318; JP 2012502675 A 20120202; US 2011192417 A1 20110811

DOCDB simple family (application)  
**EP 2009055919 W 20090515**; BR PI0918665 A 20090515; CA 2737501 A 20090515; CN 200980142337 A 20090515; EP 09814098 A 20090515; ES 09814098 T 20090515; IT BO20080568 A 20080917; JP 2011526428 A 20090515; US 200913119084 A 20090515