

Title (en)

Hair curling iron with concave/convex heating surfaces

Title (de)

Lockenstab mit konkaven/konvexen Heizflächen

Title (fr)

Fer à friser à surfaces chauffantes concaves/convexes

Publication

**EP 1382270 A3 20040310 (EN)**

Application

**EP 03254446 A 20030715**

Priority

US 39591002 P 20020715

Abstract (en)

[origin: EP1382270A2] A hair curling iron 10 has a pair of legs 12,14 of generally "D"-shaped cross sections providing opposed nesting concave/convex surfaces 18,24 that are smooth and free of obstructions. At least one and preferably both surfaces 18,14 are heated by heating elements 46 located in interior chambers 48,50 of the legs 12,14. <IMAGE>

IPC 1-7

**A45D 1/06**

IPC 8 full level

**A45D 1/00** (2006.01); **A45D 1/06** (2006.01); **A45D 2/00** (2006.01)

CPC (source: EP US)

**A45D 1/06** (2013.01 - EP US); **A45D 2/001** (2013.01 - EP US)

Citation (search report)

- [XY] US 6070596 A 20000606 - ALTAMORE NICOLO [US]
- [Y] DE 270439 C
- [X] US 4103145 A 19780725 - OLIVERI JOSEPH T

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WO2014015144A1

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 1382270 A2 20040121**; **EP 1382270 A3 20040310**; AR 040577 A1 20050413; BR 0303681 A 20040908; CA 2435150 A1 20040115; CN 1493235 A 20040505; JP 2004154555 A 20040603; US 2004124188 A1 20040701

DOCDB simple family (application)

**EP 03254446 A 20030715**; AR P030102545 A 20030715; BR 0303681 A 20030715; CA 2435150 A 20030715; CN 03127486 A 20030715; JP 2003274805 A 20030715; US 61982603 A 20030715