Title (en)

HAIR STYLING APPLIANCE

Title (de)

FRISIERVORRICHTUNG

Title (fr)

APPAREIL DE COIFFURE

Publication

EP 1662931 A4 20070905 (EN)

Application

EP 04718837 A 20040309

Priority

- US 2004007149 W 20040309
- US 50112003 P 20030908
- US 77505504 A 20040209

Abstract (en)

[origin: GB2402876A] A hair styling appliance comprises first and second arms or handles 10,15 that are connected together at a pivot 30 for movement towards and away from each other. The arms contain electrically heated elements 25 that are located beneath glass plates 20 which form the surface of the hair contacting regions. The glass surfaces are smooth having a surface roughness in the order of about 180 Ra(Ñ). The glass working surfaces may have the chemical composition of C(7.5%), O(32.6%), Na(6.8%), Mg(1.9%), Al(0.5%), Si(41.2%), K(0.5%), Ca(9%). The shape and/or thickness of the glass surface may be varied to adjust the thermal conductivity, colour, light reflectivity, hardness, strength and/or other aspects. A coating may be applied to the working surface, such as an anti-static coating.

IPC 8 full level

A45D 1/06 (2006.01); **A45D 1/04** (2006.01)

CPC (source: EP KR US)

A45D 1/00 (2013.01 - KR); **A45D 1/04** (2013.01 - EP KR US)

Citation (search report)

- [XY] DE 2720961 A1 19781116 - BRAUN AG
- [Y] US 6223753 B1 20010501 - LO ZHEN-XING [TW]
- [X] US 2278335 A 19420331
- [A] GB 249411 A 19260325 - JAMES HOWIE, et al
- [A] US 5273058 A 19931228 - EDWARDS SYD [US]
- [E] WO 2005020742 A1 20050310 - ADVANCED CERAMICS LTD [GB], et al
- See references of WO 2005025369A1

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 PL PT RO SE SI SK TR

DOCDB simple family (publication)

GB 0418953 D0 20040929; **GB 2402876 A 20041222**; **GB 2402876 B 20050921**; EP 1662931 A1 20060607; EP 1662931 A4 20070905; KR 101228950 B1 20130201; KR 20060092240 A 20060822; US 2005051188 A1 20050310; WO 2005025369 A1 20050324

DOCDB simple family (application)

GB 0418953 A 20040825; EP 04718837 A 20040309; KR 20067006476 A 20040309; US 2004007149 W 20040309; US 77505504 A 20040209