

Title (en)

Hair Dyeing and Treatment Tongs

Title (de)

Haarfärbungs- und Haarbehandlungszangen

Title (fr)

Pince pour teinture et traitement capillaire

Publication

EP 1992245 A2 20081119 (EN)

Application

EP 07113652 A 20070801

Priority

US 79834007 A 20070514

Abstract (en)

Hair dyeing and treatment tongs that emit supersonic energy, which comprise: an upper shaft (10) and a lower shaft (20), wherein the supersonic circuit boards (16,25), transducer chips (14,24) and guiding boards (13,23) are all mounted in said upper (10) and lower (20) shafts. The supersonic circuit boards (16,25), the transducer chips (14,24) and the guiding boards (13,23) of the upper (10) and lower (20) shafts are connected with power lines (30) via conducting wires (31), and one end of the upper shaft (10) and the lower shaft (20) are connected and pivot together. When the power is on, electricity is conducted to the transducer chip (14,24) by virtue of the supersonic circuit board (16,25) where it is converted to supersonic energy to be transferred to the guiding board (13,23) and finally conducted to the user's hair. Meanwhile, hair color and hair conditioner can be applied to the user's hair.

IPC 8 full level

A45D 1/04 (2006.01); **A45D 19/02** (2006.01)

CPC (source: EP US)

A45D 1/04 (2013.01 - EP US); **A45D 19/0041** (2021.01 - EP); **A45D 19/0066** (2021.01 - EP); **A45D 19/0041** (2021.01 - US); **A45D 19/0066** (2021.01 - US)

Cited by

CN108703479A; EP2377419A1

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 MT NL PL PT RO SE SI SK TR

Designated extension state (EPC)

AL BA HR MK RS

DOCDB simple family (publication)

EP 1992245 A2 20081119; **EP 1992245 A3 20100414**; US 2008283079 A1 20081120

DOCDB simple family (application)

EP 07113652 A 20070801; US 79834007 A 20070514