Title (en)

Hairdressing appliance with motorised mandrel

Title (de)

Frisiergerät mit motorisierter Drehspindel

Title (fr)

Appareil de coiffure avec mandrin motorisé

Publication

EP 2392222 B1 20130911 (FR)

Application

EP 11305639 A 20110525

Priority

FR 1054459 A 20100607

Abstract (en)

[origin: EP2392222A1] The apparatus (1) has a winding body (3) for winding a hair strand. A winding body drive unit e.g. gear motor, rotatably drives the body around its longitudinal axis. A hair drive unit (7') i.e. grip, drives the strand on the body. An actuating unit (10) i.e. control button, rotatably actuates the body to allow a user to choose one rotation direction among two rotation directions. A control unit i.e. CPU, is programmed for controlling the body drive unit in reverse direction of the chosen direction when the control unit detects an operating state to cause the stopping of rotation of the body. An independent claim is also included for a method for curling a hair strand.

IPC 8 full level

A45D 1/16 (2006.01); **A45D 20/48** (2006.01)

CPC (source: EP)

A45D 2/12 (2013.01); **A45D 2/24** (2013.01); **A45D 2/2464** (2013.01); **A45D 20/48** (2013.01)

Cited by

EP3100632A4; FR3023686A1; CN106659277A; FR3031020A1; CN107105853A; FR3117746A1; CN107853848A; US11457712B2; US11224274B2; US9149101B2; WO2016009152A1; US9648936B2; US9648935B2; US10485317B2; US11963596B2; US10010147B2; US10010148B2; USRE48170E; US9629434B2; US9788625B2; US10772406B2; WO2016108014A1; WO2022136765A1; US9615644B2; US9854891B2; US10238196B2; US11350719B2; EP2893832B1; EP2893832A1

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)

EP 2392222 A1 20111207; **EP 2392222 B1 20130911**; CN 102326941 A 20120125; CN 102326941 B 20160330; ES 2433438 T3 20131211; FR 2960747 A1 20111209

DOCDB simple family (application)

EP 11305639 A 20110525; CN 201110150410 A 20110607; ES 11305639 T 20110525; FR 1054459 A 20100607