Title (en)

HAIR STYLYING DEVICE

Title (de)

HAARSTYLINGVORRICHTUNG

Title (fr)

DISPOSITIF DE COIFFURE

Publication

EP 3893691 A1 20211020 (EN)

Application

EP 19835248 A 20191209

Priority

- CN 201822064823 U 20181210
- EP 2019084113 W 20191209

Abstract (en)

[origin: WO2020120348A1] A device for hair styling comprises a first arm; a second arm coupled to the first arm; a temperature sensor configured to sense a temperature of hair and output a temperature signal indicative of the sensed temperature of hair; a state sensor configured to detect whether the first and second arms are opened or closed and output a state signal indicative of an open/close state of the first and second arms; and a controller configured to: in response to detecting a change in the open/close state of the first and second arms, identify a current styling operation; determine a variation in the temperature of hair between the current styling operation and a previous styling operation; and determine, based on the variation in the temperature of hair, a count that the device has operated on a same strand of hair, to thereby control the hair styling.

IPC 8 full level

A45D 1/06 (2006.01); **A45D 1/28** (2006.01); **A45D 2/00** (2006.01); **H05B 1/02** (2006.01)

CPC (source: EP KR)

A45D 1/06 (2013.01 - EP KR); **A45D 1/28** (2013.01 - EP KR); **A45D 2/001** (2013.01 - EP KR); **H05B 1/0252** (2013.01 - EP KR)

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

Designated extension state (EPC)

BA ME

DOCDB simple family (publication)

WO 2020120348 A1 20200618; CN 114206156 A 20220318; CN 210144047 U 20200317; EP 3893691 A1 20211020; EP 3893691 B1 20220504; KR 102676004 B1 20240619; KR 20210099643 A 20210812; PL 3893691 T3 20220912

DOCDB simple family (application)

EP 2019084113 W 20191209; CN 201822064823 U 20181210; CN 201980081559 A 20191209; EP 19835248 A 20191209; KR 20217021570 A 20191209; PL 19835248 T 20191209