

Title (en)

AUTOMATIC DISPENSING AND MIXING APPARATUS FOR PREPARING HAIR DYES

Title (de)

AUTOMATISCHE DOSIER- UND MISCHVORRICHTUNG ZUR HERSTELLUNG VON HAARFARBEN

Title (fr)

APPAREIL DE DISTRIBUTION ET DE MÉLANGE AUTOMATIQUE POUR LA PRÉPARATION DE COLORANTS CAPILLAIRES

Publication

**EP 3614877 B1 20210303 (EN)**

Application

**EP 18728990 A 20180424**

Priority

- IT 201700045903 A 20170427
- IT 2018050071 W 20180424

Abstract (en)

[origin: WO2018198149A1] An automatic dispensing and mixing apparatus for preparing hair dyes includes dispensing means for dosing dyes and additives with high precision through information provided and/or on the basis of the data collected, as well as depending on the choices set by a professional on the basis of the requests of a subject/customer who wants to dye his/her hair. It comprises: a door to access a compartment for a collection bowl adapted to contain the color to be applied to the hair, which can be operated manually or electrically; a connection interface/housing for tablet and/or mobile display, or a screen and an input keyboard, or a touch-screen for managing the formulations; a plurality of lights or LEDs which provide all information required for the correct operation of the equipment; a plurality of containers/tanks for basic colors and dilution liquids; an electronic card with microprocessor for managing the apparatus and implementing a software for the management and operation of the apparatus itself and for preparing the dyeing mixture to be applied to the hair.

IPC 8 full level

**A45D 44/00** (2006.01); **A45D 19/00** (2006.01); **B01F 9/10** (2006.01); **B01F 13/10** (2006.01)

CPC (source: EP)

**A45D 19/0066** (2021.01); **A45D 44/005** (2013.01); **B01F 29/81** (2022.01); **B01F 33/8442** (2022.01); **B01F 33/846** (2022.01); **A45D 2200/058** (2013.01)

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)

**WO 2018198149 A1 20181101**; EP 3614877 A1 20200304; EP 3614877 B1 20210303; IT 201700045903 A1 20181027

DOCDB simple family (application)

**IT 2018050071 W 20180424**; EP 18728990 A 20180424; IT 201700045903 A 20170427