

Title (en)

APPARATUS FOR THE CONTINUOUS DELIVERY OF A HAIR-DYEING PRODUCT TO THE HAIR OF A HUMAN

Publication

**EP 0327911 A3 19900808 (DE)**

Application

**EP 89101514 A 19890128**

Priority

DE 3803692 A 19880208

Abstract (en)

[origin: ES1009046U] DEVICE FOR THE CONTINUOUS SUPPLY OF A HAIR DYE ON HUMAN BEHAVIORS WITH A DEPOSIT FOR THE HAIR TINT CONSTITUTED BY A FIRST ABSORBENT MATERIAL WITHIN A TUBULAR ELEMENT AND BOLTS INSERTED IN THE ELEMENT, CONSTITUTED BY A SECOND ABSORBENT MATERIAL, CHARACTERIZED BECAUSE FOR THE SUPPLY OF THE HAIR DYE FOR THE DEPOSIT (12), THE DEPOSIT (12) IS JOINED AT THE WHEELS (14) THAT ARE NOT IN CONTACT WITH IT, WITH A ROTATION MECHANISM (3). (Machine-translation by Google Translate, not legally binding)

IPC 1-7

**A45D 19/02**; **A45D 24/22**

IPC 8 full level

**A45D 19/02** (2006.01); **A45D 24/22** (2006.01)

CPC (source: EP KR US)

**A45D 19/0066** (2021.01 - KR); **A45D 19/02** (2013.01 - KR); **A45D 24/22** (2013.01 - EP US); **A45D 24/26** (2013.01 - KR)

Citation (search report)

- [A] EP 0251189 A2 19880107 - HENKEL KGAA [DE]
- [AD] EP 0157032 A1 19851009 - TEXAS ROMEC INC [US]
- [A] DE 2830480 A1 19800124 - SCHINDELBECK HEINER
- [A] EP 0038024 A2 19811021 - WELLA AG [DE]

Designated contracting state (EPC)

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DOCDB simple family (publication)

**DE 3803692 C1 19890427**; DK 53689 A 19890809; DK 53689 D0 19890206; EP 0327911 A2 19890816; EP 0327911 A3 19900808; ES 1009046 U 19890701; ES 1009046 Y 19900101; FI 890577 A0 19890207; FI 890577 A 19890809; JP H01244708 A 19890929; KR 890012592 A 19890918; NO 890493 D0 19890207; NO 890493 L 19890809; US 4958647 A 19900925

DOCDB simple family (application)

**DE 3803692 A 19880208**; DK 53689 A 19890206; EP 89101514 A 19890128; ES 8900373 U 19890208; FI 890577 A 19890207; JP 3090689 A 19890208; KR 890001331 A 19890204; NO 890493 A 19890207; US 30744089 A 19890207