

Title (en)
PERMANENT WAVE ROD

Title (de)
STANGE FÜR HAARFRISUREN

Title (fr)
TIGE POUR PERMANENTE

Publication
EP 3777602 B1 20230503 (EN)

Application
EP 18911460 A 20180326

Priority
JP 2018011983 W 20180326

Abstract (en)
[origin: EP3777602A1] A perming rod (1) having an outer peripheral surface around which hairs are to be wound includes a columnar core, an elastic portion (11) covering an outer peripheral surface of the core (10) and formed of an elastic body, a waterproof surface portion (12) covering an outer peripheral surface of the elastic portion (11), and pins (15) attached to each end portion of the elastic portion (11). With this configuration, the hairs can be held with suitable tension by easy treatment. Thus, beautiful permanent waves can be obtained without providing uncomfortable pain to a customer.

IPC 8 full level
A45D 2/14 (2006.01); **A45D 2/20** (2006.01)

CPC (source: EP KR US)
A45D 2/146 (2013.01 - EP KR US); **A45D 2/20** (2013.01 - EP US)

Designated contracting state (EPC)
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DOCDB simple family (publication)
EP 3777602 A1 20210217; EP 3777602 A4 20211117; EP 3777602 B1 20230503; CN 111867419 A 20201030; JP 6940205 B2 20210922; JP WO2019186614 A1 20210318; KR 102437846 B1 20220829; KR 20200121354 A 20201023; US 2021015232 A1 20210121; WO 2019186614 A1 20191003

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EP 18911460 A 20180326; CN 201880091285 A 20180326; JP 2018011983 W 20180326; JP 2020510169 A 20180326; KR 20207026821 A 20180326; US 201816981124 A 20180326