

Title (en)

METHOD FOR CURL REDUCTION OF KERATIN FIBERS

Title (de)

VERFAHREN ZUR REDUKTION VON KERATINFASERN DURCH KRÄUSELN

Title (fr)

PROCÉDÉ DE RÉDUCTION DE GONDOLAGE DE FIBRES DE KÉRATINE

Publication

EP 4353121 A1 20240417 (EN)

Application

EP 22200645 A 20221010

Priority

EP 22200645 A 20221010

Abstract (en)

The present invention is directed to a method for reducing curls on keratin fibers, preferably on human keratin fibers, more preferably on human hair, comprising the steps of i) selecting one or more curler(s) with a larger diameter than the curl diameter d_{curl} of the selected portion of the keratin fibers to be treated, ii) putting the selected portion of keratin fibers under mechanical tension on the selected one or more curler(s) of step i), iii) applying to the keratin fibers a chemical composition for semi-permanently or permanently reshaping of keratin fibers, iv) optionally covering keratin fibers with a moisture barrier, v) optionally heating the keratin fibers to a temperature in the range of 50°C to 230°C, vi) optionally applying an oxidative composition and optionally removing the moisture barrier from keratin fibers, vii) removing the one or more curler(s) from the keratin fibers, viii) rinsing-off the keratin fibers, wherein process steps ii), iii), and vii), viii) can be executed in either order.

IPC 8 full level

A45D 7/04 (2006.01); **A45D 7/06** (2006.01)

CPC (source: EP)

A45D 7/04 (2013.01); **A45D 7/06** (2013.01)

Citation (applicant)

- WO 2016098870 A1 20160623 - OREAL [FR], et al
- EP 0070074 A2 19830119 - PROCTER & GAMBLE [US]
- JP 2015123019 A 20150706 - KAO CORP

Citation (search report)

- [X1] JOY ARTHUR: "Naturally Curly Hair to Soft Curls using Velcro Rollers", 1 September 2018 (2018-09-01), XP093035412, Retrieved from the Internet <URL:https://www.youtube.com/watch?v=WYcaJXIUyqw> [retrieved on 20230328]
- [X1] HAZEL GODDESS: "PERM ROD SET on SHORT NATURAL HAIR | First Rod Set On My Big Chopped Hair", 12 July 2021 (2021-07-12), XP093035529, Retrieved from the Internet <URL:https://www.youtube.com/watch?v=uB41kYPgdHA> [retrieved on 20230328]
- [X1] PERKINS SABRINA - ET AL: "The Right Rollers for Every Style, Length and Hair Type | NaturallyCurly.com", -, 9 December 2014 (2014-12-09), -, pages 1 - 16, XP093035425, Retrieved from the Internet <URL:https://www.naturallycurly.com/curlreading/home/the-right-rollers-for-every-hairstyle-curl-pattern>
- [X1] HAIRSTYLES BY EDEN: "BEAUTIFUL NATURAL HAIR / ROLLER SET!!", 18 March 2019 (2019-03-18), XP093035535, Retrieved from the Internet <URL:https://www.youtube.com/watch?v=xbUcPURGBrc> [retrieved on 20230328]

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 ME MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)

BA

Designated validation state (EPC)

KH MA MD TN

DOCDB simple family (publication)

EP 4353121 A1 20240417

DOCDB simple family (application)

EP 22200645 A 20221010