

Title (en)
REFLECTIVE SPIRAL TIP HOLDER AND METHOD FOR ITS PRODUCTION

Title (de)
REFLEKTIERENDER SPIRALZOPFHALTER UND VERFAHREN ZU DESSEN HERSTELLUNG

Title (fr)
ATTACHE POUR TRESSE SPIRALE RÉFLÉCHISSANTE ET SON PROCÉDÉ DE FABRICATION

Publication
EP 3351132 A1 20180725 (DE)

Application
EP 18152237 A 20180118

Priority
DE 102017200838 A 20170119

Abstract (en)
[origin: CN108323904A] The present invention provides a hair ring for stabilizing a braid, comprising an endless spiral body (112) composed of at least one plastic material portion (114), the plastic material portion (114) is at least partially transparent, and at least one core (124) composed of at least one reflective material portion (126) surrounded by a plastic material portion (114) is embedded in the endless spiral (112). The present invention also provides a method of manufacturing a hair ring (110) for stabilizing a braid. The method comprises the following steps: a) a step of forming at least one formed blank (139), wherein the formed blank (139) includes the core (124) comprised of at least one reflective material portion (126) and at least one plastic material portion (114) surrounding the core (124), and the plastic material portion (114) is at least partially transparent; b) a step of winding the shaped blank (139) into a spiral (148); c) a step of curing the plastic material portion (114) and the core (124); and d) a step of molding the spiral body (148) into an endless spiral body (112).

Abstract (de)
Es wird Zopfhalter (110) zum Stabilisieren eines Haarzopfes und ein Verfahren zur Herstellung eines Zopfhalters (110) zum Stabilisieren eines Haarzopfes vorgeschlagen. Der Zopfhalter (110) umfasst eine Endloshelix (112) mindestens eines Kunststoffmaterials (114), insbesondere eine toroidale Helix (118), wobei das Kunststoffmaterial (114) zumindest teilweise transparent ausgestaltet ist, wobei in der Endloshelix (112) mindestens ein von dem Kunststoffmaterial (114) umgebener Kern (124) mindestens eines reflektierenden Materials (126) eingebettet ist.

IPC 8 full level
A45D 8/34 (2006.01)

CPC (source: CN EP)
A45D 8/34 (2013.01 - CN EP)

Citation (applicant)
• US 2924228 A 19600209 - MCGEE JOHN V
• US 2014096788 A1 20140410 - KRASNIANSKY NOAM [US]
• DE 102015215832 A1 20151126 - INVISIBOBBLE GMBH [DE]

Citation (search report)
• [AD] US 2014096788 A1 20140410 - KRASNIANSKY NOAM [US]
• [AD] DE 102015215832 A1 20151126 - INVISIBOBBLE GMBH [DE]
• [AD] US 2924228 A 19600209 - MCGEE JOHN V
• [A] US 2013319453 A1 20131205 - DOOLEY DANIELLE [US]

Cited by
WO2020144037A1

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)
DE 102017200838 B3 20180530; CN 108323904 A 20180727; EP 3351132 A1 20180725; EP 3351132 B1 20190807

DOCDB simple family (application)
DE 102017200838 A 20170119; CN 201810048522 A 20180118; EP 18152237 A 20180118