

Title (en)
INSIDE DIAMETER-ADJUSTABLE RING

Title (de)
RING MIT VERSTELLBAREM INNENDURCHMESSER

Title (fr)
BAGUE À DIAMÈTRE INTÉRIEUR RÉGLABLE

Publication
EP 2586325 A4 20140312 (EN)

Application
EP 11801077 A 20110622

Priority
• KR 20100061020 A 20100628
• KR 2011004568 W 20110622

Abstract (en)
[origin: EP2586325A2] The present invention pertains to an inside diameter-adjustable ring in which the inside diameter of the ring is adjustable, and more specifically, to an inside diameter-adjustable ring which comprises: an outside ring which has coupling grooves formed along the inner surface thereof; and an inside ring which is inserted into said coupling grooves and forms the inside diameter of the ring, wherein: separation prevention ridges are formed in the coupling grooves of said outside ring in order to prevent the inserted inside ring from being taken out; a curved portion which is bent to the inner side is formed along the outer surface of said inside ring, so that an air gap is formed on the inner side by the curved portion when said inside ring is inserted into the coupling grooves; a plurality of holes are formed on said inside ring; minerals which emit anions and far-infrared radiation are contained in said inside ring, and embossed parts are formed on the inner surface of said inside ring such that a consumer is able to extend or reduce the inside diameter of the ring by directly changing only the inside ring if the inside diameter of the ring has a huge difference in size; since said inside ring is made of an elastic rubber or silicon material, a certain change in the degree of size is available even with elasticity thereof without changing said inside ring; physical shock applied from the outside is absorbed into the inside ring by an air cushion generated by said inside ring, whereby a finger on which the ring is worn is protected; the plurality of holes are formed on said inside ring in such a manner that sweat or moisture which remains between the finger and the ring is evaporated through the holes; and since the minerals which emit the anions and the far-infrared radiation are contained, the invention has a health enhancement function.

IPC 8 full level
A44C 9/02 (2006.01); **A44C 9/00** (2006.01)

CPC (source: EP US)
A44C 9/02 (2013.01 - EP US)

Citation (search report)
• [X] US 3933010 A 19760120 - ULBRICH JOSEF
• [XI] US 2003209338 A1 20031113 - GEFEN BARUCH [US]
• See references of WO 2012002670A2

Cited by
IT201900020268A1; CN112689463A; IT201800006724A1; US11779088B2; WO2020010404A1

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)
EP 2586325 A2 20130501; EP 2586325 A4 20140312; CN 102958398 A 20130306; JP 2013529536 A 20130722; KR 101181749 B1 20120911; KR 20120000661 A 20120104; US 2013091895 A1 20130418; WO 2012002670 A2 20120105; WO 2012002670 A3 20120503

DOCDB simple family (application)
EP 11801077 A 20110622; CN 201180032255 A 20110622; JP 2013518236 A 20110622; KR 20100061020 A 20100628; KR 2011004568 W 20110622; US 201113807358 A 20110622