

Title (en)

HEALTH JEWELRY UTILIZING SILICONE ELASTOMER AND PROCESS FOR PRODUCING THE SAME

Title (de)

GESUNDHEITSSCHMUCK UNTER VERWENDUNG VON SILIKONELASTOMER UND HERSTELLUNGSVERFAHREN DAFÜR

Title (fr)

BIJOUX POUR LA SANTÉ UTILISANT UN ÉLASTOMÈRE DE SILICONE ET PROCÉDÉ SERVANT À PRODUIRE CEUX-CI

Publication

**EP 1767115 A1 20070328 (EN)**

Application

**EP 05748802 A 20050609**

Priority

- JP 2005010617 W 20050609
- JP 2004176604 A 20040615

Abstract (en)

The present invention provides a body accessory which can be formed into a ring shape, comprising a silicone elastomer body having a silicone elastomer layer mixed with fine titanium powder, which contains titanium powder obtained by burning a gaseous oxygen-hydrogen mixture in high-pressure water, fusing metallic titanium using the resultant burning gas and precipitating the product in water at least as a major component, on the skin contacting side and the silicone elastomer decorative continuous protrusion on the exterior side. The present invention also provides a process for manufacturing the body accessory, which comprises a silicone elastomer accessory body having a silicone elastomer layer mixed with fine titanium powder on the skin contacting side and a silicone elastomer decorative continuous protrusion on the exterior side and can be made into a ring, said process comprising the first step of forming a continuous concavity on a silicone elastomer accessory body; the next step of embedding a silicone elastomer layer containing fine titanium powder; the further step of separately forming a silicone elastomer decorative continuous protrusion; and the final step of placing the accessory body thus obtained on said decorative continuous protrusion and curing with heat for integration.

IPC 8 full level

**A44C 25/00** (2006.01); **A44C 5/00** (2006.01); **A44C 27/00** (2006.01); **A45D 8/00** (2006.01)

CPC (source: EP US)

**A44C 5/0023** (2013.01 - EP US); **A44C 27/00** (2013.01 - EP US)

Cited by

FR2981828A1

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU MC NL PL PT RO SE SI SK TR

DOCDB simple family (publication)

**EP 1767115 A1 20070328**; **EP 1767115 A4 20070801**; AU 2005253836 A1 20051229; CA 2572573 A1 20051229; CN 1960655 A 20070509; CN 1960655 B 20100616; JP 2006000147 A 20060105; MX PA06014779 A 20070312; NZ 552474 A 20091224; TW 200605808 A 20060216; TW I290822 B 20071211; US 2008041099 A1 20080221; WO 2005122820 A1 20051229

DOCDB simple family (application)

**EP 05748802 A 20050609**; AU 2005253836 A 20050609; CA 2572573 A 20050609; CN 200580017990 A 20050609; JP 2004176604 A 20040615; JP 2005010617 W 20050609; MX PA06014779 A 20050609; NZ 55247405 A 20050609; TW 94119179 A 20050610; US 57067605 A 20050609