

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

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- 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

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