

Title (en)

Watch strap having permanent assembly structure based on characteristics of ceramics

Title (de)

Uhrenband mit dauerhafter Anordnungsstruktur auf Grundlage der Eigenschaften von Keramik

Title (fr)

Bracelet de montre doté d'une structure d'assemblage permanent basée sur les caractéristiques des céramiques

Publication

**EP 2382890 B1 20150729 (EN)**

Application

**EP 11163969 A 20110427**

Priority

KR 20100039600 A 20100428

Abstract (en)

[origin: EP2382890A2] The present invention relates to a watch strap, which is made of a special material such as ceramics to have high strength and a smooth surface and includes a permanent assembly structure allowing easy securing of fastening pins (140) through press-fitting of the fastening pins while providing high fastening force. The watch strap includes outer connecting pieces (110), each including a pair of pin grooves (111) formed at one side thereof and a pair of insertion grooves (112) formed at a back side thereof to communicate with the corresponding pin grooves, a central connecting piece (120) having a pair of pin holes (121) penetrating the central connecting piece to correspond to the pin grooves of the outer connecting pieces, connecting pins (130) each including a fastening part (131a) having fastening holes (132a) formed at opposite ends of the fastening part, and a fastening pin having a latching step (144) formed at one end of the fastening pin. The fastening part of each of the connecting pins is inserted into the pin groove of the outer connecting piece through the pin hole of the central connecting piece, and the fastening pin is press-fitted into the fastening hole of the connecting pin through the insertion groove of the outer connecting piece and supported on the connecting pin by the latching step.

IPC 8 full level

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CPC (source: EP KR)

**A44C 5/105** (2013.01 - KR); **A44C 5/107** (2013.01 - EP); **A44C 11/00** (2013.01 - KR)

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