

Title (en)

Assembly component comprising two series of elastic structures and timepiece incorporating this component

Title (de)

Montageelement, das zwei Reihen von dehnbaren Strukturen umfasst, und dieses Element umfassende Uhr

Title (fr)

Élément d'assemblage comportant deux séries de structures élastiques et pièce d'horlogerie comportant cet élément

Publication

EP 1921516 B1 20100113 (FR)

Application

EP 06123781 A 20061109

Priority

EP 06123781 A 20061109

Abstract (en)

[origin: EP1921516A1] The element e.g. hour hand (18), has an opening (32) for axial insertion of a rod (26) and comprising an inner wall (33) with elastic structures (34) arranged in two rows (S1, S2). Each structure comprises a support surface (36) for radially locking the rod to fix the assembling element with respect to the rod. The rows (S1, S2) of the elastic structures are etched in a thin upper silicon layer (39) and a thick lower silicon layer (41) of a silicon on insulator type plate, respectively. The upper and lower layers are separated by an intermediate layer formed of silicon oxide.

IPC 8 full level

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CPC (source: EP KR US)

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Cited by

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