

Title (en)

Assembly component comprising fork-shaped elastic structures and timepiece incorporating this component

Title (de)

Montageelement, das dehnbare Strukturen in Form von Gabeln umfasst, und dieses Element umfassende Uhr

Title (fr)

Élément d'assemblage comportant des structures élastiques en forme de fourches et pièce d'horlogerie comportant cet élément

Publication

**EP 1921517 B1 20100512 (FR)**

Application

**EP 06123783 A 20061109**

Priority

EP 06123783 A 20061109

Abstract (en)

[origin: EP1921517A1] The component e.g. hour hand (18), has an opening (32) for insertion of a cylindrical rotational arbor (26). An internal wall (33) of the opening has elastic structures (34) that are engraved in silicon on insulator (SOI) type plate. Each structure has a fork which is connected to the wall by a material bridge (40). The fork has two arms (42, 44) that are extended from both sides of the bridge and globally towards the arbor, where each arm has parabolic curve shape. Each arm has a support surface (36) at vicinity of free ends (46, 48) of the surface.

IPC 8 full level

**G04B 13/02** (2006.01); **G04B 19/04** (2006.01); **G04D 3/00** (2006.01)

CPC (source: EP KR US)

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