

Title (en)

Attachment of a clock wheel to an axis

Title (de)

Befestigung eines Uhrads an einer Spindel

Title (fr)

Fixation d' une roue d'horlogerie à un axe

Publication

EP 1708045 A2 20061004 (FR)

Application

EP 06003784 A 20060224

Priority

- EP 05006186 A 20050322
- EP 06003784 A 20060224

Abstract (en)

The wheel (1) has three elastic arms (5) placed in equilateral triangle and defining a triangular opening (7) to receive an axle (8) with circular section. The axle has a diameter greater than that of a circle inscribed in a triangle-shaped outline of the opening such that the axle elastically deforms the arms when it is introduced in the opening. The arms are deformed so that the wheel is maintained on the axle by elastic tightening exerted on the axle by the arms.

Abstract (fr)

Une roue d'horlogerie (1), réalisée typiquement dans une matière fragile telle que le silicium, est caractérisée en ce qu'elle comprend une partie élastique (5, 7) apte à recevoir et serrer un axe (8) pour maintenir la roue (1) sur cet axe (8).

IPC 8 full level

G04B 13/02 (2006.01)

CPC (source: EP)

G04B 13/025 (2013.01)

Cited by

EP1921516A1; EP1921518A1; KR101245025B1; CH703182A1; EP2372473A3; EP2442190A1; CN102537026A; EP4280002A1; US7575369B2; EP3396471A3; CN108803297A; US7438465B2; US7572050B2; WO2016207851A1; EP4123391A1; DE202008007449U1; DE202008003766U1; TWI580633B; US9678477B2; US10747178B2; EP2219083A1; EP3401740A1

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 LV MC NL PL PT RO SE SI SK TR

Designated extension state (EPC)

AL BA HR MK YU

DOCDB simple family (publication)

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