

Title (en)
GEAR SYSTEM FOR A TIMEPIECE

Title (de)
GETRIEBESYSTEM FÜR UHRWERK

Title (fr)
SYSTÈME D'ENGRENAGE POUR UNE PIÈCE D'HORLOGERIE

Publication
EP 2326995 B1 20130619 (FR)

Application
EP 09806405 A 20090723

Priority

- EP 2009059477 W 20090723
- EP 08162475 A 20080815
- EP 09806405 A 20090723

Abstract (en)
[origin: EP2154582A1] The system (1) has a drive pinion (5) and a sprocket (7) mounted coaxially with respect to a pivoting axle (3). An attachment device (21) is placed between the pinion and the sprocket to avoid relative displacement of the sprocket with respect to the pinion. The device includes a footprint (23) having shape corresponding to a section of the pinion. The axle and the pinion are made of metallic material, where the system is made of silicon-metal, and the sprocket is made of microusable material selected from a group consisting of crystalline silicon, crystalline alumina and crystalline silica. An independent claim is also included for a method for fabrication of a watch element i.e. sprocket, made up of microusable material.

IPC 8 full level
G04B 13/02 (2006.01); **B81C 1/00** (2006.01); **G04D 3/00** (2006.01)

CPC (source: EP KR US)
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