

Title (en)  
Shock-damping bearing for timepieces

Title (de)  
Stoßdämpfende Uhrenlagerung

Title (fr)  
Palier amortisseur de chocs pour pièce d'horlogerie

Publication  
**EP 1696286 A1 20060830 (FR)**

Application  
**EP 05003868 A 20050223**

Priority  
EP 05003868 A 20050223

Abstract (en)  
The bearing has a support block formed in a frame of a timepiece. The support block is provided with a recess provided to receive a spring with axial and radial deformation. A setting carries a pierced stone (4) through which a pivot-shank passes and an end stone (5). The spring is formed in a single piece of a peripheral ring, where the pierced stone and the end stone are assembled in the setting suspended by the spring. An independent claim is also included for a method of manufacturing a shock absorber bearing.

IPC 8 full level  
**G04B 31/04** (2006.01)

CPC (source: EP US)  
**G04B 31/04** (2013.01 - EP US)

Citation (applicant)

- FR 1532798 A 19680712
- CH 340784 A 19590831 - JAEGER ETS ED [FR]

Citation (search report)

- [X] CH 340784 A 19590831 - JAEGER ETS ED [FR]
- [X] CH 296070 A 19540131 - RENFER ERWIN [CH], et al
- [X] DE 7601537 U1 19760526
- [XY] CH 285200 A 19520831 - ERISMANN GERARD [CH]
- [Y] CH 390804 A 19641231 - MATTHEY ROGER [HK]
- [A] FR 2307175 A2 19761105 - CATTIN SA ETS [FR]

Cited by  
WO2009060074A1; EP2945028A1; EP2605085A1; EP2226689A1; EP2605082A1; EP2400355A1; CH709908A1; CH705112B1; EP2015147A3; CH704739B1; EP2975471A2; WO2013087201A1; WO2013087453A1; WO2011161079A1; EP3076245A1; US10452027B2; WO2023156201A1; EP2469357A1; US8777481B2; EP2015147A2; EP2553533B2

Designated contracting state (EPC)  
CH DE FR GB LI

DOCDB simple family (publication)  
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DOCDB simple family (application)  
**EP 05003868 A 20050223**; CN 200610008048 A 20060223; DE 602005025585 T 20050223; HK 06111110 A 20061010; JP 2006046414 A 20060223; US 27630206 A 20060223