

Title (en)  
Timepiece barrel device

Title (de)  
Federhausvorrichtung

Title (fr)  
Dispositif de barillet

Publication  
**EP 1542098 A3 20070926 (DE)**

Application  
**EP 04025264 A 20041023**

Priority  
DE 10357228 A 20031208

Abstract (en)  
[origin: EP1542098A2] The spring housing device has a fixed plate-shaped component with a circular opening (5) in which a spring housing (1) can be rotatably mounted, a spring core (18) rotatably mounted coaxially to the spring housing and enclosed by a spiral spring connected at its ends to the core and housing. A crown wheel with a gear rim is connected to the spring housing and a first wheel of a wheel mechanism is connected to the core. The circular opening passes right through the plate-shaped component and the spring housing has two radial support regions (3) extending over the diameter of the spring housing.

IPC 8 full level  
**G04B 1/16** (2006.01); **G04B 1/12** (2006.01); **G04B 1/20** (2006.01); **G04B 29/02** (2006.01); **G04B 33/12** (2006.01)

CPC (source: EP US)  
**G04B 1/12** (2013.01 - EP US); **G04B 1/16** (2013.01 - EP US); **G04B 1/20** (2013.01 - EP US); **G04B 29/02** (2013.01 - EP US);  
**G04B 33/12** (2013.01 - EP US)

Citation (search report)  
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Designated contracting state (EPC)  
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LI LU MC NL PL PT RO SE SI SK TR

Designated extension state (EPC)  
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DOCDB simple family (publication)  
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US 2005249045 A1 20051110; US 7318669 B2 20080115

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**EP 04025264 A 20041023**; DE 10357228 A 20031208; DE 502004010485 T 20041023; US 628504 A 20041207