

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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• [X] US 861727 A 19070730 - HUBSCHER EMILE [CH], et al
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Designated contracting state (EPC)
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AL HR LT LV MK

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US 2005249045 A1 20051110; US 7318669 B2 20080115

DOCDB simple family (application)
EP 04025264 A 20041023; DE 10357228 A 20031208; DE 502004010485 T 20041023; US 628504 A 20041207