

Title (en)  
Clockwork wheel

Title (de)  
Drehteil für Uhren

Title (fr)  
Mobile d'horlogerie

Publication  
**EP 1457844 A2 20040915 (FR)**

Application  
**EP 04004645 A 20040301**

Priority  
CH 3852003 A 20030312

Abstract (en)  
The clock has a hub (2) rotating on its axis and a rotating wheel (4) in contact with a movable or fixed unit. A deformable elastic rod (3) is inserted between the hub and the rotating wheel. The elastic rod is constituted by a succession of blades connecting the hub to the rotating wheel. The rotating wheel (4) provides a succession of teeth against a profile of a fixed countersink.

Abstract (fr)  
Le mobile présente un moyeu (2) tournant sur son axe (A) et une zone de transmission ou de roulement (4) destiné à venir en contact avec un élément mobile ou fixe, une zone élastique (3) susceptible de subir une déformation étant intercalée entre le moyeu (2) et la zone de transmission ou de roulement (4). <IMAGE>

IPC 1-7  
**G04B 13/02**

IPC 8 full level  
**F16D 11/00** (2006.01); **F16F 15/12** (2006.01); **F16H 55/14** (2006.01); **G04B 1/00** (2006.01); **G04B 13/02** (2006.01)

CPC (source: EP US)  
**G04B 13/021** (2013.01 - EP US); **Y10T 74/19898** (2015.01 - EP US)

Cited by  
WO2012010408A1; US2012255600A1; FR3112183A1; CH714791A1; EP2455821A1; WO2019175392A1; EP2894520A2; US9201398B2; EP2455821B1

Designated contracting state (EPC)  
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DOCDB simple family (publication)  
**EP 1457844 A2 20040915**; CH 697381 B1 20080915; CN 1538252 A 20041020; JP 2004278794 A 20041007; RU 2004107267 A 20050927; RU 2275667 C2 20060427; SG 129281 A1 20070226; US 2004237688 A1 20041202

DOCDB simple family (application)  
**EP 04004645 A 20040301**; CH 3852003 A 20030312; CN 200410006526 A 20040304; JP 2004069140 A 20040311; RU 2004107267 A 20040311; SG 200401548 A 20040312; US 80036604 A 20040312