

Title (en)

Timepiece in which the hours hand can be advanced or moved back by steps of one hour

Title (de)

Uhr, deren Stundenzeiger durch Stundenschritten vor- oder zurückspringen kann

Title (fr)

Pièce d'horlogerie dont l'aiguille des heures peut être avancée ou reculée par pas d'une heure

Publication

**EP 1544691 B1 20080521 (FR)**

Application

**EP 03028875 A 20031216**

Priority

EP 03028875 A 20031216

Abstract (en)

[origin: EP1544691A1] The timepiece has a hand fitted onto an hour pipe, about which an hour hand is adjusted to freely pivot by a motion work. An additional wheel (12) secured to the pipe, drives an additional device. An hour wheel (2) is rigidly coupled to the additional wheel by a limiting torque mechanism and a coupling mechanism. A spring is immobilized and compressed in a space between two teeth of a star wheel.

IPC 8 full level

**G04B 19/22** (2006.01); **G04B 19/253** (2006.01)

CPC (source: EP US)

**G04B 19/221** (2013.01 - EP US); **G04B 27/005** (2013.01 - EP US)

Cited by

EP4020097A1; DE102007011851B3; EP1933210A1; EP3772673A1; CN112346325A; US8953415B2; US7731416B2; EP4020098A1; US7625116B2; EP2950164A1; EP2950165A3; RU2676421C2; CH716774A1; US9383724B2; US8937850B2; US9778621B2; WO2008095813A2; US11774911B2; US11977355B2

Designated contracting state (EPC)

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DOCDB simple family (publication)

**EP 1544691 A1 20050622**; **EP 1544691 B1 20080521**; AT E396431 T1 20080615; CN 100559305 C 20091111; CN 1629752 A 20050622; DE 60321193 D1 20080703; HK 1078657 A1 20060317; JP 2005181323 A 20050707; JP 4708780 B2 20110622; US 2005128875 A1 20050616; US 7717616 B2 20100518

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