

Title (en)

Gear wheel for a timepiece and device for correction of a display mechanism for a timepiece incorporating such a wheel

Title (de)

Zahnrad für Uhrwerk und Vorrichtung zur Korrektur eines Anzeigemechanismus für eine Uhr mit einem solchen Zahnrad

Title (fr)

Roue d'horlogerie et dispositif de correction d'un mécanisme d'affichage pour pièce d'horlogerie incorporant une telle roue

Publication

EP 1978420 B1 20101110 (FR)

Application

EP 07105669 A 20070404

Priority

EP 07105669 A 20070404

Abstract (en)

[origin: EP1978420A1] The wheel has a toothing (40) defined by a pitch (P), head diameter and foot diameter. Teeth (42) are provided with a tip portion that forms another toothing i.e. saw-shaped toothing, which is coplanar and concentric to the toothing (40). The head diameter of the saw-shaped toothing is equal to head diameter of the toothing (40). The foot diameter of the saw-shaped toothing is greater than the foot diameter of the toothing (40), where the two toothings allow coupling in different direction of rotation. An independent claim is also included for a correction device for a timepiece display mechanism, comprising a display member that is fitted with a toothing.

IPC 8 full level

G04B 13/02 (2006.01); **G04B 19/25** (2006.01)

CPC (source: EP US)

G04B 13/027 (2013.01 - EP US); **G04B 19/25** (2013.01 - EP US); **Y10T 74/1987** (2015.01 - EP US)

Cited by

CN112286030A

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC MT NL PL PT RO SE SI SK TR

DOCDB simple family (publication)

EP 1978420 A1 20081008; EP 1978420 B1 20101110; AT E487962 T1 20101115; CN 101286038 A 20081015; CN 101286038 B 20120201; DE 602007010423 D1 20101223; HK 1125188 A1 20090731; JP 2008256687 A 20081023; JP 5203003 B2 20130605; SG 146583 A1 20081030; US 2008247277 A1 20081009; US 7957226 B2 20110607

DOCDB simple family (application)

EP 07105669 A 20070404; AT 07105669 T 20070404; CN 200810090590 A 20080403; DE 602007010423 T 20070404; HK 09103231 A 20090406; JP 2008079830 A 20080326; SG 2008023814 A 20080326; US 5666808 A 20080327