

Title (en)  
Timepiece,especially wrist-watch

Title (de)  
Uhr, insbesondere Armbanduhr

Title (fr)  
Pièce d'horlogerie, notamment montre-bracelet

Publication  
**EP 0869410 B1 20020612 (FR)**

Application  
**EP 98105385 A 19980325**

Priority  
CH 78697 A 19970404

Abstract (en)  
[origin: EP0869410A1] The watch has a day display of numbers from 1 to 31 arranged over a lower circular sector over which a day indicating hand is centred, see. FIG 1). The drive mechanism(FIG 2) for the day hand includes a spindle(4) fixed to a pinion(5) which pivots in a plate(6). The pinion(5) is also in contact with a two toothed arms(7,9) which pivot on the plate(6). The arm(7) is acted on by a spring(8) which tends to displace the pinion(5) in a anti-hourly direction. The free end of the arm(9) has a feeler or roller(10) which butts up against a crown(11) for the day indicator. This roller(10) is maintained permanently against the exterior periphery of the crown(11) under the action of the springs(8) and the pinion(5). This ensures that the pinion(5) and the day hand(3) are always positively maintained in a set angular position, all the play between the teeth of the racks and the pinion is eliminated.

IPC 1-7  
**G04B 19/24**

IPC 8 full level  
**G04B 19/00** (2006.01); **G04B 19/24** (2006.01); **G04B 19/243** (2006.01)

CPC (source: EP US)  
**G04B 19/241** (2013.01 - EP US)

Cited by  
EP1918792A1; US7817501B2; US7625116B2; WO2007113098A3; EP3564760A1; US11733652B2

Designated contracting state (EPC)  
AT BE DE ES FR GB IT NL

DOCDB simple family (publication)  
**EP 0869410 A1 19981007; EP 0869410 B1 20020612**; AT E219257 T1 20020615; AU 6062598 A 19981008; CA 2230779 A1 19981004; CH 691087 A5 20010412; DE 69805906 D1 20020718; DE 69805906 T2 20030703; HK 1010591 A1 19990625; JP 4312849 B2 20090812; JP H116880 A 19990112; MY 145527 A 20120229; SG 68036 A1 19991019; TW 349188 B 19990101; US 5943299 A 19990824

DOCDB simple family (application)  
**EP 98105385 A 19980325**; AT 98105385 T 19980325; AU 6062598 A 19980403; CA 2230779 A 19980403; CH 78697 A 19970404; DE 69805906 T 19980325; HK 98111589 A 19981029; JP 9203198 A 19980403; MY PI9801335 A 19980326; SG 1998000662 A 19980330; TW 87104897 A 19980401; US 5488498 A 19980403