

Title (en)  
Electronic timepiece

Title (de)  
Elektronisches Uhrwerk

Title (fr)  
Pièce d'horlogerie électronique

Publication  
**EP 0874292 A2 19981028 (EN)**

Application  
**EP 98303226 A 19980427**

Priority  

- JP 10944597 A 19970425
- JP 10944697 A 19970425
- JP 1670198 A 19980129
- JP 8671098 A 19980331

Abstract (en)  
To provide an electronic timepiece enabling reliable detection of a state of rotation of an indication wheel such as a date dial. An ultrasonic motor 1130 has an ultrasonic rotor pinion 1134b. A date dial 1120 is disposed on a main plate 1102 in such a way as to rotate relative thereto. The ultrasonic rotor pinion 1134b is meshed with an intermediate date driving gear wheel 1142a. A date driving wheel 1150 is rotatably disposed on the main plate 1102. A date driving gear wheel 1150b is meshed with an intermediate date driving pinion 1142b. A date driving gear portion 1150b is meshed with a dial gear portion 1120a. A contact point spring 1160 is disposed on a spring guiding portion 1150d. The contact point spring 1160 rotates integrally with the date driving wheel 1150 through the rotation of the date driving wheel 1150. The state of rotation of the date driving wheel 1150 can be detected by contact of the contact point spring 1160 with the contact point pattern 1174. <IMAGE>

IPC 1-7  
**G04C 3/14**

IPC 8 full level  
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CPC (source: EP)  
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**EP 0874292 A2 19981028; EP 0874292 A3 19990303; EP 0874292 B1 20051026**; CN 1132079 C 20031224; CN 1204790 A 19990113; DE 69831998 D1 20051201; DE 69831998 T2 20060420; HK 1019775 A1 20000225

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