

Title (en)  
MECHANICAL WATCH MOVEMENT WITH SMALL SECOND HAND OR CENTRAL SECOND HAND

Title (de)  
MECHANISCHES UHRWERK MIT KLEINER ODER MITTELSEKUNDE

Title (fr)  
MOUVEMENT DE MONTRE MECANIQUE A PETITE SECONDE OU SECONDE AU CENTRE

Publication  
**EP 1234218 B1 20060125 (FR)**

Application  
**EP 00969154 A 20001101**

Priority  
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• CH 0000580 W 20001101  
• EP 99811072 A 19991119

Abstract (en)  
[origin: EP1102135A1] The watch mechanism provides a cage and bearing structure providing simple construction of the seconds wheel. The mechanical watch movement comprises a cage provided with bearings and a mean wheel, and a second wheel at the centre of the escapement which pivots in the bearings in axes perpendicular to the plane of the cage. The cage comprises a first pair of bearings defining a first de-centred complementary pivot axis (E). This is placed such that the axis of the mean wheel (A) is at equal distances from this pivot axis and from the axis of the second wheel centred at (C). A second pair of bearing define a second de-centred complementary pivot axis (F), placed such that the axis of the escapement wheel (D) is at equal distances from the pivot axis and from the axis of the second wheel at the centre (C).

IPC 8 full level  
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CPC (source: EP)  
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