

Title (en)  
Tourbillon for watch movement and movement comprising the same

Title (de)  
Tourbillon für Uhrwerk und dieses enthaltende Uhrwerk

Title (fr)  
Tourbillon pour mouvement de montre et mouvement le comprenant

Publication  
**EP 1918790 A2 20080507 (FR)**

Application  
**EP 08001704 A 20040922**

Priority  
EP 04022608 A 20040922

Abstract (en)  
The tourbillon has a set of resonator type balance wheels (33) mounted on a roller (34), where the tourbillon is balanced with respect to a rotation axis. Frames (30) are pivotably mounted on the roller. Each frame serves as a support for the balance wheels and for a pallet (31) and an escapement mobile (32). The mobile has an escape pinion engaged with a wheel that is rigidly fixed to the roller, where the wheel is coaxial to one of the frames. An independent claim is also included for a watch movement comprising a framework and a tourbillon.

Abstract (fr)  
Le tourbillon comporte une structure pivotante (34) sur laquelle sont montés une pluralité de balanciers (33) et une pluralité d'échappements correspondants (31,32).

IPC 8 full level  
**G04B 17/00** (2006.01)

CPC (source: EP)  
**G04B 17/00** (2013.01); **G04B 17/285** (2013.01)

Citation (applicant)  
GB 2375619 A 20021120 - D SOUZA PAUL GERARD [IN]

Cited by  
CN102467072A; EP3015924A1; WO2016071790A1

Designated contracting state (EPC)  
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LI LU MC NL PL PT RO SE SI SK TR

Designated extension state (EPC)  
AL HR LT LV MK

DOCDB simple family (publication)  
**EP 1640821 A1 20060329; EP 1640821 B1 20090422**; AT E429667 T1 20090515; AT E479923 T1 20100915; DE 602004020766 D1 20090604; DE 602004028972 D1 20101014; EP 1918790 A2 20080507; EP 1918790 A3 20090128; EP 1918790 B1 20100901; HK 1088669 A1 20061110; WO 2006032974 A2 20060330; WO 2006032974 A3 20060831

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**EP 04022608 A 20040922**; AT 04022608 T 20040922; AT 08001704 T 20040922; DE 602004020766 T 20040922; DE 602004028972 T 20040922; EP 08001704 A 20040922; HK 06110456 A 20060920; IB 2005002778 W 20050920