

Title (en)
Watch movement with a plurality of balances

Title (de)
Uhrwerk mit mehreren Unruhen

Title (fr)
Mouvement de montre muni de plusieurs balanciers

Publication
EP 1640821 A1 20060329 (FR)

Application
EP 04022608 A 20040922

Priority
EP 04022608 A 20040922

Abstract (en)
The movement has balance wheels (33) operating in resonance, and a tourbillon frame (30) and a pallet (31) maintaining movement of one of the wheels. A gear train (28) connects barrels (22, 24) to the frame and the pallet. The wheels, the frame and the pallet are pivotingly mounted on a roller (34) that is balanced with reference to an axis. An arbor connects the roller to another frame and is oriented along the axis.

IPC 8 full level
G04B 17/00 (2006.01); **G04B 17/06** (2006.01)

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

Citation (search report)
• [A] GB 388258 A 19330223 - MARCEL VUILLEUMIER
• [A] GB 2375619 A 20021120 - D SOUZA PAUL GERARD [IN]

Cited by
EP1903408A3; CH702062A1; CH713109A1; CN103439872A; CH708038A1; JP2016520833A; CH702294A1; US8668378B2; WO2014180767A1; WO2016139196A1; US10481556B2; WO2011058157A1

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

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