

Title (en)
Tourbillon

Title (de)
Tourbillon

Title (fr)
Tourbillon

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Application
EP 13164243 A 20130418

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Abstract (en)
[origin: CN104111600A] The present invention relates to a tourbillon of a movement having: a rotatably mounted rotating carriage (6) connected to a second pinion (46), a balance (12) mounted on the rotating carriage (6) relative to a balance shaft (28) and also having an escape wheel (16) mounted on the rotating carriage (6) and operatively connected to the balance (12) via a lever, characterized by: a brake element (30) arranged on the rotating carriage (6), which can be brought into engagement with the balance (12) and is movable axially to the balance shaft (28).

Abstract (de)
Die vorliegende Erfindung betrifft ein Tourbillon eines Uhrwerks, mit: -einem mit einem Sekundentrieb (46) verbundenen, drehbar gelagerten Drehgestell (6), - einer an dem Drehgestell (6) bezüglich einer Unruhachse (28) gelagerten Unruh (12) sowie mit einem an dem Drehgestell (6) gelagerten und mit der Unruh (12) über einen Anker in Wirkverbindung stehenden Ankerrad (16), gekennzeichnet durch: - ein am Drehgestell (6) angeordnetes, mit der Unruh (12) in Eingriff bringbares und axial zur Unruhachse (28) bewegliches Bremsselement (30).

IPC 8 full level
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Citation (applicant)
• DE 10160287 A1 20030626 - LANGE UHREN GMBH [DE]
• CN 201402376 Y 20100210 - TIANJIN SEAGULL WATCH GROUP CO LTD

Citation (search report)
• [A] EP 1617305 A1 20060118 - MONTRES BREGUET SA [CH]
• [A] CH 704783 A1 20121015 - COMPLITIME SA [CH]

Citation (third parties)
Third party :
CH 704783 A1 20121015 - COMPLITIME SA [CH]

Cited by
EP3136187A1; EP3136186A1; US11586148B2; US9996054B2; US9897972B2; EP3588200A1; TWI743189B; TWI727830B; WO2022233790A1

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