

Title (en)
Timepiece with interchangeable bezel

Title (de)
Uhr mit verwechselbarer Lunette

Title (fr)
Pièce d'horlogerie à lunette interchangeable

Publication
EP 1662342 B1 20091014 (FR)

Application
EP 04028072 A 20041126

Priority
EP 04028072 A 20041126

Abstract (en)
[origin: EP1662342A1] The timepiece has a locking ring (20), with an external operating unit (21), placed in a groove (14) of the middle (12). An edge (23) of the ring with a thickness equal to the opening of notches (4) has cavities (24) for the passage of steady-pins (2) of a bezel (1). The ring's edge (25) has a throat (26) opposite to the middle's throat (16). The groove base has a detent spring (31) cooperating with an embossing formed at the ring base. The two throats (16, 26) permit to house a clipping spring (30) of the locking ring.

IPC 8 full level
G04B 19/28 (2006.01); **G04B 45/00** (2006.01); **G04B 47/04** (2006.01); **G04G 99/00** (2010.01)

CPC (source: EP KR US)
G04B 19/283 (2013.01 - EP US); **G04B 37/18** (2013.01 - KR); **G04B 45/0092** (2013.01 - EP US); **G04B 47/046** (2013.01 - EP US)

Cited by
GB2457015B; GB2457015A; EP3502791A1; CN109946946A; KR20190074985A; US11126142B2; EP2538284A1; WO2012176058A1

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

DOCDB simple family (publication)
EP 1662342 A1 20060531; **EP 1662342 B1 20091014**; AT E445867 T1 20091015; CN 100559306 C 20091111; CN 1779581 A 20060531; DE 602004023622 D1 20091126; JP 2006153876 A 20060615; JP 4695497 B2 20110608; KR 20060059178 A 20060601; TW 200629019 A 20060816; TW I350432 B 20111011; US 2006114753 A1 20060601; US 7111978 B2 20060926

DOCDB simple family (application)
EP 04028072 A 20041126; AT 04028072 T 20041126; CN 200510125810 A 20051125; DE 602004023622 T 20041126; JP 2005335463 A 20051121; KR 20050111097 A 20051121; TW 94140832 A 20051121; US 26160905 A 20051031