

Title (en)  
Protection of an horological plate

Title (de)  
Schutz für Platine einer Uhr

Title (fr)  
Protection de platine d'horlogerie

Publication  
**EP 2813899 A1 20141217 (FR)**

Application  
**EP 13171983 A 20130614**

Priority  
EP 13171983 A 20130614

Abstract (en)  
[origin: US2014369172A1] Protective device (1) for the protection of a structural component, notably a main plate (2), of a timepiece movement (3) on a receiving surface comprised in this structural component (2) for receiving in abutment a complementary bearing surface (51) of a wheel set (5). This protective device (1) includes at least one insert (6) including a slide surface (7) having a higher surface hardness than that of this structural component (2), this insert (6) being assembled on or in this structural component (2) so that this slide surface (7) thereof coincides with this receiving surface.

Abstract (fr)  
Dispositif (1) de protection d'une platine (2) de mouvement d'horlogerie (3), au niveau d'une surface de réception (4) que comporte ladite platine (2) pour la réception en appui d'une surface d'appui complémentaire (51) d'un mobile (5). Ledit dispositif (1) comporte au moins un insert (6) comportant une surface de glissement (7) de dureté superficielle supérieure à celle de ladite platine (2), ledit insert (6) étant rapporté sur ou dans ladite platine (2) de façon à ce que sa dite surface de glissement (7) coïncide avec ladite surface de réception (4).

IPC 8 full level  
**G04B 3/04** (2006.01); **G04B 29/04** (2006.01); **G04B 37/10** (2006.01)

CPC (source: EP US)  
**G04B 3/04** (2013.01 - EP US); **G04B 29/04** (2013.01 - EP US); **G04B 37/10** (2013.01 - EP US); **G04B 37/22** (2013.01 - US)

Citation (search report)

- [XY] FR 880880 A 19430407
- [X] CH 188684 A 19370115 - D HORLOGERIE LA CHAMPAGNE LOUI [CH]
- [X] CH 201680 A 19381215 - FELSA S A [CH]
- [I] FR 1024708 A 19530407
- [Y] WO 0140881 A1 20010607 - KS 22 S A [CH], et al
- [XI] CH 497724 A 19700630 - RECORD WATCH CO S A [CH]
- [X] US 420919 A 18900204
- [X] US 991552 A 19110509 - SIM ALEXANDER [US]
- [X] CH 131146 A 19290131 - HANS GISIGER UHRENFABRIKATIONS [CH]
- [A] CH 183503 A 19360415 - D EBAUCHES BERNOISES S A ETABL [CH]

Designated contracting state (EPC)  
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)  
BA ME

DOCDB simple family (publication)  
**EP 2813899 A1 20141217**; CN 104238343 A 20141224; CN 104238343 B 20170517; CN 204086829 U 20150107; EP 2813900 A2 20141217; EP 2813900 A3 20160525; EP 2813900 B1 20171213; HK 1196214 A2 20141205; HK 1205290 A1 20151211; JP 2015001532 A 20150105; JP 5925249 B2 20160525; US 2014369172 A1 20141218; US 9046876 B2 20150602

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**EP 13171983 A 20130614**; CN 201410265548 A 20140613; CN 201420318396 U 20140613; EP 14167475 A 20140508; HK 14105635 A 20140613; HK 15105679 A 20150616; JP 2014123105 A 20140616; US 201414287706 A 20140527