

Title (en)
Clock stud holder with screw

Title (de)
Spiralklötzchen-Träger mit Schrauben für Uhr

Title (fr)
Porte-piton d'horlogerie à vis

Publication
EP 2876505 A1 20150527 (FR)

Application
EP 13193627 A 20131120

Priority
EP 13193627 A 20131120

Abstract (en)
[origin: US2015138930A1] Assembly (20) for holding a balance spring (21) including a balance spring stud (1), and a stud-holder (2) which includes: a housing (3) for receiving the stud (1); means (4) for securing the stud (1) including a screw (5) orthogonal to the stud (1); means (6) of securing the stud-holder (2) to an escapement mechanism (30), the stud (1) including a surface (7) for orienting a balance spring (21). The screw (5) partially passes through the stud (1) to hold the stud in an indexed position. The stud (1) includes an internal thread (8) cooperating with the screw (5) and forming the orientation surface (7), and the stud-holder (2) includes: a bore (11) for the passage of the screw (5); a bearing face (11) arranged at the entry of said bore (11), on the opposite side to the housing (3), for the abutment of a head (51) of the screw (5).

Abstract (fr)
Ensemble (20) de maintien ou d'appui d'un ressort spiral (21) d'horlogerie, comportant un piton (1) et un porte-piton (2), lequel porte-piton (2) comporte : - un premier logement (3) de réception dudit piton (1) ; - des moyens de fixation (4) dudit piton (1) comportant au moins une vis (5) ; - et des moyens de fixation (6) dudit porte-piton (2) à un mécanisme d'échappement (30), ledit piton (1) comportant au moins une surface d'orientation (7) définissant une direction de maintien ou d'appui d'un dit ressort spiral (21). Ladite au moins une vis (5) traverse, au moins partiellement, ledit piton (1) pour son maintien en position indexée et de blocage.

IPC 8 full level
G04B 17/32 (2006.01)

CPC (source: EP US)
G04B 15/14 (2013.01 - US); **G04B 17/32** (2013.01 - US); **G04B 17/325** (2013.01 - EP US); **G04B 17/34** (2013.01 - US)

Citation (search report)
• [X] DE 202010014253 U1 20110217 - DAMASKO PETRA [DE]
• [X] EP 2290477 A1 20110302 - GLASHUETTER UHRENBETRIEB GMBH [DE]
• [A] CH 332548 A 19580915 - PARECHOC SA [CH], et al

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 2876505 A1 20150527; **EP 2876505 B1 20181114**; CN 104656406 A 20150527; CN 104656406 B 20170630; CN 104656408 A 20150527; CN 104656408 B 20171226; HK 1209498 A1 20160401; HK 1210526 A1 20160422; JP 2015102548 A 20150604; JP 2015102549 A 20150604; JP 5818960 B2 20151118; JP 5818961 B2 20151118; US 2015138930 A1 20150521; US 2015138931 A1 20150521; US 9298164 B2 20160329; US 9304494 B2 20160405

DOCDB simple family (application)
EP 13193627 A 20131120; CN 201410669651 A 20141120; CN 201410670865 A 20141120; HK 15110066 A 20151014; HK 15111139 A 20151111; JP 2014230461 A 20141113; JP 2014230462 A 20141113; US 201414519320 A 20141021; US 201414519782 A 20141021