



(12) **United States Patent**
Christan et al.

(10) **Patent No.:** **US 9,411,313 B2**
(45) **Date of Patent:** **Aug. 9, 2016**

(54) **BALANCE SPRING STUD-HOLDER**

(56) **References Cited**

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(*) Notice: Subject to any disclaimer, the term of this patent is extended or adjusted under 35 U.S.C. 154(b) by 0 days.

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(21) Appl. No.: **14/945,900**

European Search Report issued Sep. 22, 2015 in European Application 14197478, filed on Dec. 11, 2014 (with English Translation).

(22) Filed: **Nov. 19, 2015**

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(65) **Prior Publication Data**

US 2016/0170375 A1 Jun. 16, 2016

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(30) **Foreign Application Priority Data**

Dec. 11, 2014 (EP) 14197478

(57) **ABSTRACT**

(51) **Int. Cl.**

- G04B 17/32** (2006.01)
- G04B 17/34** (2006.01)

The present invention concerns an assembly for holding or supporting a timepiece balance spring including a balance spring stud and a stud-holder, wherein said stud-holder includes:

(52) **U.S. Cl.**

CPC **G04B 17/34** (2013.01); **G04B 17/325** (2013.01)

- a base (**30, 300**) comprising a first stop member (**32, 320**) extending along a longitudinal axis (L) of said base;
- means (**7**) of attaching said stud-holder to a balance-cock (**5**),
- characterized in that said stud-holder further includes elastic means (**34, 340**) provided with a second stop member (**36, 360**).

(58) **Field of Classification Search**

CPC G04B 17/32; G04B 17/325; G04B 17/34
USPC 368/178
See application file for complete search history.

15 Claims, 4 Drawing Sheets

