

Title (en)

HAIRSPRING FOR BALANCE WHEEL-HAIRSPRING OSCILLATOR AND METHOD FOR MANUFACTURING SAME

Title (de)

SPIRALFEDER FÜR SPIRALUNRUH-OSZILLATOR EINES UHRWERKS UND IHR HERSTELLUNGSVERFAHREN

Title (fr)

RESSORT SPIRAL POUR OSCILLATEUR BALANCIER-SPIRAL HORLOGER ET SON PROCEDE DE FABRICATION

Publication

**EP 3839652 A1 20210623 (FR)**

Application

**EP 19217684 A 20191218**

Priority

EP 19217684 A 20191218

Abstract (fr)

Ressort spiral (1) pour oscillateur balancier-spiral horloger, le matériau dudit ressort (1) comportant un alliage binaire comprenant :- un pourcentage massique d'or entre 45% et 55% ;- des éventuelles impuretés jusqu'à 0.5% en pourcentage massique ;- la balance en palladium.

IPC 8 full level

**C22C 5/02** (2006.01); **G04B 17/06** (2006.01); **G04B 17/22** (2006.01)

CPC (source: EP)

**C22C 5/00** (2013.01); **C22C 5/02** (2013.01); **C22F 1/14** (2013.01); **G04B 17/066** (2013.01); **G04B 17/227** (2013.01)

Citation (search report)

- [A] CH 701770 A2 20110315 - NIVAROX SA [CH]
- [A] CH 711161 A2 20161215 - ETA SA MFT HORLOGERE SUISSE [CH]
- [A] JP H0570995 A 19930323 - SEIKO EPSON CORP

Citation (third parties)

Third party : anonymous

MASUMOTO ET AL.: "New Nonmagnetic Elinvar-Type Alloy "Pallagold" in the Pd-Au System", vol. 33, 24 June 1969 (1969-06-24), pages 1410 - 1413

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 3839652 A1 20210623**

DOCDB simple family (application)

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