

Title (en)
ROTATING BEZEL SYSTEM

Title (de)
GLASREIF SYSTEMDREHLÜNETTENSYSYSTEM

Title (fr)
SYSTEME DE LUNETTE TOURNANTE

Publication
EP 2859412 A1 20150415 (FR)

Application
EP 13725996 A 20130531

Priority

- EP 12171072 A 20120606
- EP 2013061274 W 20130531
- EP 13725996 A 20130531

Abstract (en)
[origin: EP2672333A1] The middle has a peripheral shoulder in which a rotating bezel system (1) is rotatably mounted. The system is an independent module comprising an annular bezel (7), an annular supporting element (5), a toothed element (19) and a spring (9) interacting elastically with the toothed element. The spring and the toothed element are maintained axially by the bezel and the supporting element. The system includes a fixing unit (27) for securing the spring, the supporting element and the bezel with each other. The toothed element is angularly interdependent of the middle while the spring is angularly interdependent of the bezel and the supporting element allows an indexing of a position of the system relative to the middle. An independent claim is also included for a timepiece.

IPC 8 full level
G04B 19/28 (2006.01)

CPC (source: EP RU US)
G04B 19/283 (2013.01 - EP RU US)

Citation (search report)
See references of WO 2013182487A1

Designated contracting state (EPC)
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Designated extension state (EPC)
BA ME

DOCDB simple family (publication)
EP 2672333 A1 20131211; CN 104412176 A 20150311; CN 104412176 B 20170510; EP 2859412 A1 20150415; EP 2859412 B1 20210317; HK 1205797 A1 20151224; JP 2015518967 A 20150706; JP 5947979 B2 20160706; RU 2014153556 A 20160810; RU 2609193 C2 20170130; US 2015185702 A1 20150702; US 9501037 B2 20161122; WO 2013182487 A1 20131212

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EP 12171072 A 20120606; CN 201380035832 A 20130531; EP 13725996 A 20130531; EP 2013061274 W 20130531; HK 15106414 A 20150706; JP 2015515484 A 20130531; RU 2014153556 A 20130531; US 201314405939 A 20130531