

Title (en)

Time display device

Title (de)

Vorrichtung zur Zeitanzeige

Title (fr)

Dispositif pour l'affichage du temps

Publication

EP 2148254 A1 20100127 (DE)

Application

EP 08013132 A 20080722

Priority

EP 08013132 A 20080722

Abstract (en)

The device has a set of gemstones, and a set of illumination elements e.g. LEDs, that are arranged on or at a carrier. The gemstones are selectively illuminated via the illumination element for realizing a time display. Each gemstone is respectively held in cylindrical supports using an adhesive, where the supports protrude from the carrier about one millimeter. The gemstones comprise natural or artificial glass stones. An intermediate space is formed between two adjacent supports, where the space corresponds to an average diameter of the supports. An independent claim is also included for a method for manufacturing a device for time display.

Abstract (de)

Vorrichtung zur Zeitanzeige, insbesondere eine Armbanduhr (1), umfassend eine Mehrzahl von Schmucksteinen (3) und eine Mehrzahl von auf einem Träger (16) angeordneten Beleuchtungselementen, über die die Schmucksteine (3) zur Realisierung einer Zeitanzeige selektiv beleuchtbar und/oder durchleuchtbar sind, wobei jeder Schmuckstein (3) jeweils in einer eigenen, vom Träger (16) abstehenden Fassung (5) gehalten ist.

IPC 8 full level

G04G 17/04 (2006.01); **A44C 17/04** (2006.01)

CPC (source: EP US)

A44C 17/006 (2013.01 - EP US); **A44C 17/04** (2013.01 - EP US); **G04G 17/045** (2013.01 - EP US)

Citation (applicant)

- DE 102004058245 A1 20060608 - STAEDTLER MARC-MICHAEL [DE]
- WO 2006136587 A2 20061228 - TAG HEUER SA [CH], et al

Citation (search report)

- [DY] WO 2006136587 A2 20061228 - TAG HEUER SA [CH], et al
- [Y] GB 1279175 A 19720628 - DIAMANTS ET JOAILLERIES HENRI [FR]

Cited by

EP2477083A1; BE1019839A3; US2024049843A1; WO2020095203A1; WO2024036249A1

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MT NL NO PL PT RO SE SI SK TR

Designated extension state (EPC)

AL BA MK RS

DOCDB simple family (publication)

EP 2148254 A1 20100127; **EP 2148254 B1 20110223**; AT E499638 T1 20110315; CN 101634831 A 20100127; DE 502008002674 D1 20110407; US 2010020649 A1 20100128

DOCDB simple family (application)

EP 08013132 A 20080722; AT 08013132 T 20080722; CN 200910151116 A 20090721; DE 502008002674 T 20080722; US 50403109 A 20090716