

Title (en)

Vorrichtung zur analogen Anzeige, die eine Planetengetriebe aufweist

Title (de)

Analogic display device including a planet gear drive

Title (fr)

Dispositif d'affichage analogique comportant un entraînement par engrenages planétaires

Publication

EP 1780612 A1 20070502 (FR)

Application

EP 05023260 A 20051025

Priority

EP 05023260 A 20051025

Abstract (en)

The device (26) has display units (38, 40) displaying corresponding data, where value of one data is related to value of another data based on a gear ratio. The display units are mounted rotating relative to a main plate (42) and driven by a planetary gear driving device (44) carried by the plate. The display unit (40) is pivoted on a rotation axis (A2) of a planet gear. The gear is meshed with a central gear and a crown which is made of a single piece, where the crown and gears extend in a same radial plane. An independent claim is also included for a method of fabricating a display device.

IPC 8 full level

G04B 19/02 (2006.01)

CPC (source: EP KR US)

G04B 19/00 (2013.01 - KR); **G04B 19/02** (2013.01 - EP KR US); **G04B 19/14** (2013.01 - EP US); **G04B 29/027** (2013.01 - EP US); **Y10T 29/49581** (2015.01 - EP US)

Citation (search report)

- [XA] CH 664468G A3 19880315
- [A] US 5359578 A 19941025 - TRUINI STEFANO [US]
- [A] US 4428682 A 19840131 - WINTER MUNROE A [US]
- [A] EP 0813124 A1 19971217 - KURONUMA IZURU [JP]
- [DA] PATENT ABSTRACTS OF JAPAN vol. 006, no. 088 (P - 118) 26 May 1982 (1982-05-26)

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC NL PL PT RO SE SI SK TR

Designated extension state (EPC)

AL BA HR MK YU

DOCDB simple family (publication)

EP 1780612 A1 20070502; CN 101297245 A 20081029; CN 101297245 B 20120620; DE 602006007868 D1 20090827; EP 1943563 A2 20080716; EP 1943563 B1 20090715; HK 1126010 A1 20090821; JP 2009521667 A 20090604; KR 20080063503 A 20080704; TW 200731038 A 20070816; US 2011051562 A1 20110303; US 8477565 B2 20130702; WO 2007048685 A2 20070503; WO 2007048685 A3 20070712

DOCDB simple family (application)

EP 05023260 A 20051025; CN 200680039767 A 20061004; DE 602006007868 T 20061004; EP 06806967 A 20061004; EP 2006067032 W 20061004; HK 09103702 A 20090422; JP 2008537037 A 20061004; KR 20087011309 A 20080510; TW 95139033 A 20061023; US 8828006 A 20061004