

Title (en)

METHOD OF MAKING A BOTTOM PLATE FOR A WATCH

Title (de)

VERFAHREN ZUM HERSTELLEN EINER BODENPLATTE FÜR EINE UHR

Title (fr)

PROCÉDÉ DE FABRICATION D'UNE PLATINE DE MONTRE

Publication

EP 2350746 A1 20110803 (FR)

Application

EP 09736982 A 20091021

Priority

- EP 2009063782 W 20091021
- EP 08167196 A 20081021
- EP 09736982 A 20091021

Abstract (en)

[origin: EP2180385A1] The method involves providing a partially amorphous material constituting an element of a timepiece, and forming the element by die-stamping at a temperature ranging between a glass transition temperature and a crystallization temperature. The element is cooled to solidify the element, and the element is recovered. The element is obtained by forming a preform with the material, placing the preform between matrices having inserts, and by exerting pressure on the preform using the matrices during a preset time to replicate shapes of the matrices on respective faces of the preform.

IPC 8 full level

B21J 1/00 (2006.01); **G04B 29/02** (2006.01)

CPC (source: EP KR US)

B21J 1/006 (2013.01 - EP US); **B22D 25/026** (2013.01 - US); **C22F 1/00** (2013.01 - EP US); **G04B 19/06** (2013.01 - US); **G04B 29/02** (2013.01 - KR); **G04B 29/027** (2013.01 - EP US)

Citation (search report)

See references of WO 2010046381A1

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 MK MT NL NO PL PT RO SE SI SK SM TR

DOCDB simple family (publication)

EP 2180385 A1 20100428; CN 102224465 A 20111019; CN 102224465 B 20140618; EP 2350746 A1 20110803; EP 2350746 B1 20130403; HK 1163267 A1 20120907; JP 2012512384 A 20120531; JP 5351276 B2 20131127; KR 101292964 B1 20130802; KR 20110092278 A 20110817; US 2012024432 A1 20120202; US 2015266089 A1 20150924; US 9207644 B2 20151208; WO 2010046381 A1 20100429; WO 2010046381 A8 20110630

DOCDB simple family (application)

EP 08167196 A 20081021; CN 200980146378 A 20091021; EP 09736982 A 20091021; EP 2009063782 W 20091021; HK 12103837 A 20120418; JP 2011532616 A 20091021; KR 20117011401 A 20091021; US 200913124975 A 20091021; US 201514731508 A 20150605