

Title (en)

PROCESS FOR MANUFACTURING A DIAL COMPRISING AT LEAST ONE THREE-DIMENSIONAL ELEMENT

Title (de)

VERFAHREN ZUR HERSTELLUNG EINES ZIFFERBLATTES MIT MINDESTENS EINEM DREIDIMENSIONALEN ELEMENT

Title (fr)

PROCÉDÉ DE FABRICATION D'UN CADRAN COMPRENANT AU MOINS UN ÉLÉMENT TRIDIMENSIONNEL

Publication

**EP 3729202 A1 20201028 (FR)**

Application

**EP 18807646 A 20181130**

Priority

- EP 17209108 A 20171220
- EP 2018083083 W 20181130

Abstract (en)

[origin: WO2019120933A1] A process for manufacturing a dial (11) comprising at least one three-dimensional element (30), said process comprising the following steps: • - having a control unit (2) generate (44) at least one control instruction for a printing device (3) for reproducing a reference digital graphic representation (9a) relating to said dial (11) that is provided with at least one three-dimensional element (30), and • - having the printing device (3) construct (45) at least two superimposed layers comprising particles printed on a support element forming said dial (11), and • - removing (52) the dial (11) from said support element.

IPC 8 full level

**G04B 19/12** (2006.01); **B29C 64/112** (2017.01); **B33Y 80/00** (2015.01)

CPC (source: EP KR US)

**B29C 64/112** (2017.07 - EP KR US); **B29C 64/393** (2017.07 - US); **B33Y 50/02** (2014.12 - US); **B33Y 80/00** (2014.12 - EP KR US); **G04B 19/10** (2013.01 - US); **G04B 19/12** (2013.01 - EP KR US)

Citation (search report)

See references of WO 2019120933A1

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Designated extension state (EPC)

BA ME

DOCDB simple family (publication)

**WO 2019120933 A1 20190627**; CN 111542786 A 20200814; EP 3729202 A1 20201028; JP 2021507233 A 20210222; JP 6987994 B2 20220105; KR 102441114 B1 20220906; KR 20200088847 A 20200723; US 2020338809 A1 20201029

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