

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)

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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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