

Title (en)
Surface element, in particular dial of a clock

Title (de)
Flächenelement, insbesondere Zifferblatt einer Uhr

Title (fr)
Élément de surface, notamment cadran d'une montre

Publication
EP 2458453 A3 20120822 (DE)

Application
EP 11401568 A 20110812

Priority
DE 202010008275 U 20100812

Abstract (en)
[origin: EP2458453A2] The surface element i.e. dial (1), has recesses (4) and/or apertures filled or deposited with materials optically contrasting to the surface element, where the materials are metal particles, minerals, ceramic, plastic, light particles precious metal and stones. The surface element is formed from a single-part or multi-part base element (2) and titanium. An attachment element and/or a frame (3) is fitted on the base element. The base element is encompassed by the frame and exhibits different forms. An outer form of the attachment element and/or the frame is adjusted to the base element.

IPC 8 full level
G04B 19/12 (2006.01); **G04B 19/10** (2006.01); **G04B 19/14** (2006.01)

CPC (source: EP)
G04B 19/10 (2013.01); **G04B 19/12** (2013.01); **G04B 19/14** (2013.01)

Citation (search report)

- [X] US 5966344 A 19991012 - UMEMOTO TOSHIO [JP], et al
- [X] US 6208591 B1 20010327 - SAKURAZAWA NAOHIKO [JP], et al
- [X] JP H10206560 A 19980807 - CASIO COMPUTER CO LTD
- [A] US 5703837 A 19971230 - UMEMOTO TOSHIO [JP], et al

Cited by
CN111722515A

Designated contracting state (EPC)
AL 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 RS SE SI SK SM TR

Designated extension state (EPC)
BA ME

DOCDB simple family (publication)
DE 202010008275 U1 20101118; DE 102011052669 A1 20120426; EP 2458453 A2 20120530; EP 2458453 A3 20120822; EP 2458453 B1 20181121

DOCDB simple family (application)
DE 202010008275 U 20100812; DE 102011052669 A 20110812; EP 11401568 A 20110812