

Title (en)  
METHOD FOR IDENTIFYING A 3D ELEMENT, PARTICULARLY AN ELEMENT USED TO PRODUCE A COMPLEX PRODUCT COMPRISING SAID ELEMENT

Title (de)  
VERFAHREN ZUR IDENTIFIZIERUNG EINES 3D-ELEMENTS, INSBESONDERE EINES ELEMENTS, DAS ZUR HERSTELLUNG EINES KOMPLEXEN PRODUKTS MIT BESAGTEM ELEMENT VERWENDET WIRD

Title (fr)  
PROCÉDÉ D'IDENTIFICATION D'UN ÉLÉMENT EN 3D, NOTAMMENT UN ÉLÉMENT ENTRANT DANS LA RÉALISATION D'UN PRODUIT COMPLEXE INTEGRANT LEDIT ÉLÉMENT

Publication  
**EP 3580697 A1 20191218 (FR)**

Application  
**EP 18707642 A 20180213**

Priority  
• FR 1770133 A 20170213  
• EP 2018053563 W 20180213

Abstract (en)  
[origin: WO2018146334A1] The invention relates to a method for identifying a 3D element (10) by means of a 2D or 3D marking (12), particularly a QR code, said element (10) being used alone or integrated into a complex product, characterised in that it comprises the succession of the following steps: producing the 3D element (10) without shaping; during the production of said element, creating the initial 2D or 3D marking (12I) with an initial deformation ID; shaping said element; and simultaneously shaping the initial marking (12I) into a final marking (12F) that can be read by a flat marking reader. The invention also relates to the element obtained by said method and to the complex product comprising at least one element.

IPC 8 full level  
**G06K 19/02** (2006.01); **G06K 19/06** (2006.01)

CPC (source: EP KR US)  
**G05B 19/4099** (2013.01 - US); **G06K 19/027** (2013.01 - EP KR); **G06K 19/06037** (2013.01 - US); **G06K 19/06046** (2013.01 - EP KR); **G05B 2219/49023** (2013.01 - US)

Citation (search report)  
See references of WO 2018146334A1

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)  
**WO 2018146334 A1 20180816**; BR 112019015864 A2 20200414; CA 3052726 A1 20180816; CN 110383293 A 20191025; EP 3580697 A1 20191218; FR 3062939 A1 20180817; FR 3062939 B1 20210528; IL 268440 A 20190926; KR 20190117505 A 20191016; RU 2019123742 A 20210316; US 2019391564 A1 20191226

DOCDB simple family (application)  
**EP 2018053563 W 20180213**; BR 112019015864 A 20180213; CA 3052726 A 20180213; CN 201880009953 A 20180213; EP 18707642 A 20180213; FR 1770133 A 20170213; IL 26844019 A 20190801; KR 20197022555 A 20180213; RU 2019123742 A 20180213; US 201816482131 A 20180213