

Title (en)

METHOD FOR THE POSITIONALLY ACCURATE PROJECTION OF A MARK ONTO AN OBJECT, AND PROJECTION APPARATUS

Title (de)

VERFAHREN ZUR ORTSRICHTIGEN PROJEKTION EINER MARKIERUNG AUF EIN OBJEKT UND PROJEKTIONSVORRICHTUNG

Title (fr)

PROCÉDÉ DE PROJECTION AU BON ENDROIT D'UN REPÈRE SUR UN OBJET ET DISPOSITIF DE PROJECTION

Publication

EP 3080551 A1 20161019 (DE)

Application

EP 13817652 A 20131212

Priority

EP 2013003760 W 20131212

Abstract (en)

[origin: WO2015086036A1] Disclosed is a projection apparatus (1) in which a capturing and/or measuring device (2) is used for measuring a three-dimensional position and/or orientation of an object (3), a projection pose of a projection means (4) is calculated from the result of said measurement, and the projection means (4) is oriented in such a way that a mark (20) predefined in a 2D or 3D model (13) of the object (3) is projected in a positionally accurate manner onto the object (3).

IPC 8 full level

G01C 15/02 (2006.01); **G01B 11/00** (2006.01); **G01B 11/25** (2006.01); **G01C 15/00** (2006.01); **G06T 17/00** (2006.01)

CPC (source: EP US)

G01C 15/002 (2013.01 - EP US); **G01C 15/02** (2013.01 - EP US); **G06T 7/521** (2016.12 - EP US); **G06T 7/73** (2016.12 - EP US); **H04N 13/254** (2018.04 - EP US); **H04N 13/296** (2018.04 - EP US); **G06T 2207/30208** (2013.01 - US)

Citation (search report)

See references of WO 2015086036A1

Citation (examination)

EP 2261596 A1 20101215 - MAIERHOFER KONRAD [DE]

Designated contracting state (EPC)

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Designated extension state (EPC)

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