

Title (en)

METHOD AND DEVICE FOR OPTICALLY INSPECTING FAULTS

Title (de)

VERFAHREN UND VORRICHTUNG ZUR OPTISCHEN FEHLERINSPEKTION

Title (fr)

PROCÉDÉ ET DISPOSITIF D'INSPECTION DE DÉFAUTS OPTIQUES

Publication

**EP 3004852 A1 20160413 (DE)**

Application

**EP 14735479 A 20140603**

Priority

- DE 102013105693 A 20130603
- EP 2014061456 W 20140603

Abstract (en)

[origin: DE102013105693A1] The method involves generating an illumination surface (4) consisting of parallel light beams by a light source (1). The object (8) is partially illuminated by the illumination surface. A change of the parallel light beams of the illumination surface is detected by the object. The light beams coming from the illumination surface are projected on a projection surface (5) that is arranged behind the object. The shadow impact generated by the illumination surface on the projection surface is detected with an optical detection unit (7). An independent claim is included for a device for optical inspection of an object.

IPC 8 full level

**G01N 21/958** (2006.01)

CPC (source: EP US)

**G01B 11/2433** (2013.01 - EP US); **G01N 21/8806** (2013.01 - US); **G01N 21/958** (2013.01 - EP US); **G01N 2201/061** (2013.01 - US)

Citation (search report)

See references of WO 2014195296A1

Designated contracting state (EPC)

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Designated extension state (EPC)

BA ME

DOCDB simple family (publication)

**DE 102013105693 A1 20131031**; EP 3004852 A1 20160413; US 2016103081 A1 20160414; US 9766188 B2 20170919; WO 2014195296 A1 20141211

DOCDB simple family (application)

**DE 102013105693 A 20130603**; EP 14735479 A 20140603; EP 2014061456 W 20140603; US 201414894437 A 20140603