

Title (en)

IMAGING SYSTEM, OPERATING DEVICE WITH THE IMAGING SYSTEM AND METHOD FOR IMAGING

Title (de)

BILDGEBENDES SYSTEM, OPERATIONSVORRICHTUNG MIT DEM BILDGEBENDEN SYSTEM UND VERFAHREN ZUR BILDGEBUNG

Title (fr)

SYSTÈME D'IMAGERIE, DISPOSITIF D'EXPLOITATION COMPORTANT LE SYSTÈME D'IMAGERIE, ET PROCÉDÉ D'IMAGERIE

Publication

EP 2914194 A1 20150909 (DE)

Application

EP 13786464 A 20131104

Priority

- DE 102012220115 A 20121105
- EP 2013072926 W 20131104

Abstract (en)

[origin: WO2014068106A1] The invention relates to an imaging system 200, particularly for an operating device 1000 with a device head 100 that can be adjusted in a mobile manner, comprising: - an image data capturing unit 210 with an image recording unit, particularly an operation camera 211, 212, designed to capture image data 300 in an operating environment OU; - an image data processing unit 220 designed to provide the image data; - an image storage unit 230 designed to hold the image data 300 of the operating environment and volume data of a volume representation 320 assigned to the operating environment. Also provided according to the invention are: - a registration means 260 designed to locate the image recording unit, particularly the operating camera 211, 212, relative to the operating environment; - a virtual pointer means 250 designed to make available, particularly to identify and/or to display, a number of surface points OS of the image data 300 automatically; and - an assignment means, particularly with calculating means 240, designed to assign automatically a volume point VP of the volume representation 320 to at least one of the surface points OS made available.

IPC 8 full level

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CPC (source: EP US)

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Citation (search report)

See references of WO 2014068106A1

Designated contracting state (EPC)

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Designated extension state (EPC)

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