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- (71) **Applicant (for all designated States except US):** KONINKLIJKE PHILIPS ELECTRONICS N.V. [FR/FR]; Groenewoudseweg 1, NL-5621 BA Eindhoven (NL).
- (72) **Inventor; and**
- (75) **Inventor/Applicant (for US only):** FLORENT, Raoul [FR/FR]; c/o High Tech Campus Building 44, NL-5656 AE Eindhoven (NL).
- (74) **Agents:** VAN VELZEN, Maaike et al.; High Tech Campus 44, NL-5600 AE Eindhoven (NL).
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(54) **Title:** COMBINED DEVICE-AND-ANATOMY BOOSTING

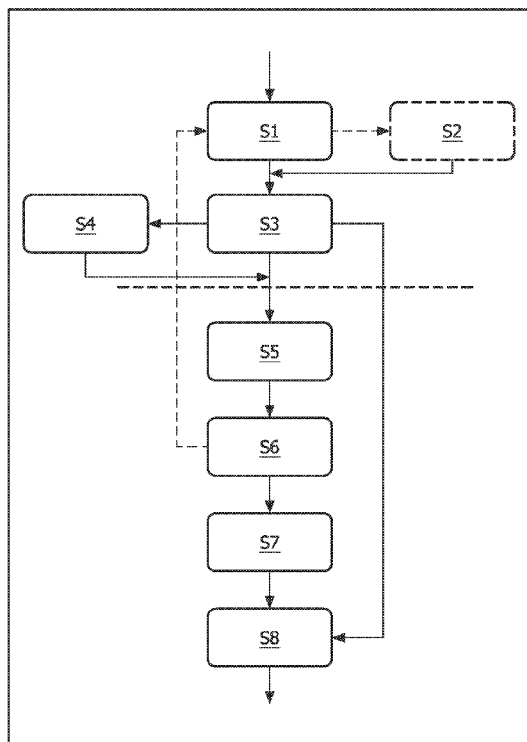


FIG. 1

(57) **Abstract:** An apparatus and a method is proposed, for visualization of an object of interest together with a device being inside the object of interest. The apparatus comprises an image formation unit adapted for providing image information of the object of interest and the device, a processing unit and a display adapted for displaying the image, wherein the image is a combination of the image information of the device and the boosted image information of the object of interest. Here, the processing unit is adapted for performing the following steps: detecting and segmenting the device on the basis of image information provided by the image formation unit; wiping-out the image information of the device; detecting the object of interest on the basis of the provided image information; boosting the image information of the object of interest; re-inserting the image information of the device.

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## A. CLASSIFICATION OF SUBJECT MATTER

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According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

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Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

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## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	WO 2006/114721 A2 (KONINKL PHILIPS ELECTRONICS NV [NL]; RONGEN PETER M J [NL]; FLORENT RA) 2 November 2006 (2006-11-02) * abstract page 4, line 6 - line 10 page 9, line 13 - line 20 ----- -/--	1-12

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European Patent Office, P.B. 5818 Patentlaan 2  
NL - 2280 HV Rijswijk  
Tel. (+31-70) 340-2040,  
Fax: (+31-70) 340-3016

Authorized officer

dos Santos, Luís

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C(Continuation). DOCUMENTS CONSIDERED TO BE RELEVANT		
Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	<p>Pierfrancesco Agostoni and Stefan Verheye:            "Bifurcation Stenting with a Dedicated            Biolimus-Eluting Stent: X-Ray Visual            Enhancement of the Final Angiographic            Result with "StentBoost Subtract"            Catherization and Cardiovascular            Interventions            vol. 70,            21 March 2007 (2007-03-21), pages 233-236,            XP002609152            Retrieved from the Internet:            URL:<a href="http://onlinelibrary.wiley.com/doi/10.1002/ccd.21096/pdf">http://onlinelibrary.wiley.com/doi/10.1002/ccd.21096/pdf</a>            [retrieved on 2010-11-11]            the whole document</p>	1-12
A	<p>WO 2008/081396 A2 (KONINKL PHILIPS            ELECTRONICS NV [NL]; HALL CHRISTOPHER            [US]; JIANG HUI) 10 July 2008 (2008-07-10)            page 4 - page 5</p>	1-12

## INTERNATIONAL SEARCH REPORT

Information on patent family members

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