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(54) Title: APPLIANCE DISINFECTING ILLUMINATION

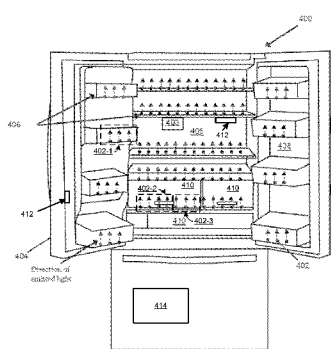


FIG. 4A

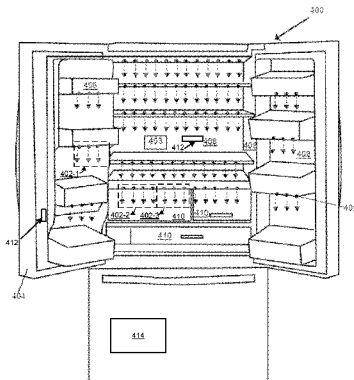


FIG. 4B

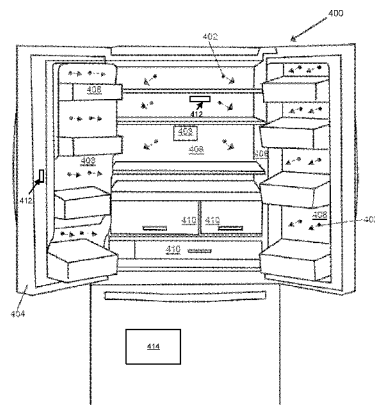


FIG. 4C

(57) Abstract: Devices, methods, and systems for disinfection with light are disclosed. In some examples, a lighting source is operable to provide light at wavelength range of about 380 nm – 420 nm with an irradiance and/or dosage sufficient for disinfection. One or more sensors and a control system may be used to control operation of the lighting source, such as by adjusting the lighting source in response to various inputs.



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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 practicable, search terms used) EPO-Internal, WPI Data
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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.
X	US 2018/185533 A1 (LALICKI JOREL [US] ET AL) 5 July 2018 (2018-07-05) paragraph [0034] - paragraph [0132]; figure 1 -----	1-20
X	US 2014/061509 A1 (SHUR MICHAEL [US] ET AL) 6 March 2014 (2014-03-06) paragraph [0034] - paragraph [0044]; figures 2, 9 -----	1,9,15
X	US 2008/307818 A1 (MIN DEUL RE [KR] ET AL) 18 December 2008 (2008-12-18) paragraph [0023] - paragraph [0049]; figures 5, 11 -----	1,9,15

Further documents are listed in the continuation of Box C. See patent family annex.

* Special categories of cited documents :	
"A" document defining the general state of the art which is not considered to be of particular relevance	"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
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"O" document referring to an oral disclosure, use, exhibition or other means	"&" document member of the same patent family
"P" document published prior to the international filing date but later than the priority date claimed	

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Name and mailing address of the ISA/ European Patent Office, P.B. 5818 Patentlaan 2 NL - 2280 HV Rijswijk Tel. (+31-70) 340-2040, Fax: (+31-70) 340-3016	Authorized officer Beaugrand, Francois
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INTERNATIONAL SEARCH REPORT

Information on patent family members

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