

Title (en)
LUMINAIRE WITH INTEGRATED SELF-TEST

Title (de)
LEUCHTE MIT INTEGRIERTEM SELBSTTEST

Title (fr)
LUMINAIRE À AUTO-TEST INTÉGRÉ

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Application
EP 21700514 A 20210108

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Abstract (en)
[origin: WO2021140230A1] The invention relates to a luminaire (10) comprising illuminants (170) for generating light, and a control unit (110) for controlling the illuminants (170), and at least one further element (140), in particular an operator control element (143) or a sensor (142), for generating control information that influences the operation of the luminaire (10), wherein the control unit (110) is configured in such a way that a self-test is carried out after a supply voltage has been applied to the luminaire (10). Said self-test is carried out automatically and independently in an analysis mode of the luminaire (10), wherein the control unit (110) checks the luminaire (10) for the presence and/or the functionality of the at least one further element (140). Depending on the checking result, and the type of further unit (140) checked, the control unit (110) controls the illuminants (170) such that a temporally variable light emission (171) signals the checking result. Measuring devices (200, 210, 220) are additionally specified which detect the checking result by measurement of operating parameters of the luminaire (10) and present this information preferably by way of a display (211, 221) of the measuring device (200, 210, 220). A method is likewise specified which includes checking the at least one further element (140) and controlling the illuminants (170) by means of the control unit (110).

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Citation (search report)
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• [I] US 2019018383 A1 20190117 - GEGUINE GLEB [CA]
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• See also references of WO 2021140230A1

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