

Title (en)
ILLUMINATION FOR A PHOTOBIOREACTOR

Title (de)
BELEUCHTUNG FÜR EINEN PHOTOBIOREAKTOR

Title (fr)
ÉCLAIRAGE DESTINÉ À UN PHOTOBIORÉACTEUR

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Application
EP 18769120 A 20180906

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• EP 2018074004 W 20180906

Abstract (en)
[origin: WO2019057508A1] The invention relates to a container (1, 1b), in particular a container (1, 1b) of a bioreactor (1a, 1b), having a container interior (22) designed for being filled with a medium (8) including a photoreactive material, and designed for at least partially triggering at least one photochemical reaction, in particular a photosynthesis of the photoreactive material, comprising at least one illuminant receiving pouch (11) which is at least partially transparent for an electromagnetic radiation (14), and which is arranged on a illuminant opening (12) at least partially within the container interior (22) and is designed to at least partially receive at least one illuminant (15, 15a, 15b, 15c, 15d, 15e) from an outer side (A) through the illuminant opening (12, 12a, 12b), wherein the illuminant (15, 15a, 15b, 15c, 15d, 15e) is designed to at least partially irradiate the medium (8) such that the photochemical reaction of the photoreactive material can be triggered by an electromagnetic radiation (14) emitted by the illuminant (15, 15a, 15b, 15c, 15d, 15e) and the illuminant (15, 15a, 15b, 15c, 15d, 15e) is isolated in relation to the medium (8) by the illuminant receiving pouch (11).

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