

Utility Models

INVENTORS: PAVEL ȘTEFAN, KREMS CRISTINA, MOCAN MARIAN LIVIU,
DOBOSI IOAN SILVIU

UTILITY MODEL NO. RO 2017 00018

ELECTRICAL LIGHT INSTALLATION FOR DENTAL ESTHETICS



The invention relates to a fixed electrical lighting installation used in dental cabinets, which provides illumination on the patient's dental area, close to the lighting parameters of the daylight. The installation is made of folding metal body of stainless steel sheet, fixed on the dental unit pillar, in which 5 lamps are mounted with the true color rendering index of 97 Ra8, and a color temperature of 5300 Kelvin, a black light lamp, and between the lamps it is mounted a camera which is connected to a computer with a fixed monitor (optional) on the dental unit pillar.

Benefits:

- Ensures transparency in the incisal teeth;
- Ensures an illumination on the dental area, illumination which is close to the lighting parameters of the daylight;
- Ensures that the teeth are photographed with a light closer to the lighting parameters of the daylight before and after the medical protocol in dental esthetics;
- Ensures a better establishment of the color in dental esthetics;

INVENTORS: PAVEL ȘTEFAN, SUCIU SILVIU-CRISTIAN

UTILITY MODEL NO. RO 2015 00045

PORTABLE DEVICE FOR DISINFECTING AIR AND SURFACES FROM CLOSED SPACES



Description:

The invention relates to a portable electrical installation used for disinfecting the air and the surfaces of closed spaces, as example: attic, basements of buildings, warehouses, polluted rooms from hospitals and another spaces without sufficient ventilation or insufficiently disinfected by common means.

Benefits:

- The installation is portable and easily maneuverable;
- Ensures the monitoring of the operating time of the germicidal lamps necessary for a more efficient maintenance of the installation;
- Provides the monitoring of the consumption of electrical energy;
- Ensures the possibility of hourly programming of the operating system;
- Provides the possibility of adjusting the distribution of the germicidal light on a designated area;
- Provides additional protection through the operation of the installation only in the absence of the operator;
- Ensures energy efficiency through lower power consumption;
- Provides safety in operation of the installation, being operated in one operation by a single-switch, with key by a single operator;
- Provides easy maintenance by cleaning the lamps of dust or replacing them when the number of hours of operation has elapsed.