Universitatea
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Timișoara

Utility Models

INVENTORS:PAVEL STEFAN, BORZA IOAN, BRATU EMANUEL ADRIAN, DOBOSI IOAN SILVIU, GAINA PAULINA IOANA, STREIAN FELICIA, TALPOS-NICULESCU SERBAN

UTILITY MODEL NO. RO201300033

LIGHTING INSTALLATION FOR THE "CERAMICS ROOM" COMPARTMENT IN DENTAL LABORATORIES


OFICIUL DE STAT PENTRU INVENŢII ŞI MĂRCI

CERTIFICAT

privind
Modelul de Utilitate înregistrat
Nr. RO 2013 00033

Titlul: INSTALAŢIE DE ILUMINAT PENTRU COMPARTIMENTUL "CAMERA CERAMICĂ" A LABORATOARELOR DE TEHNICĂ DENTARĂ

Durata Modelului de Utilitate este de 6 ani, cu începere de la data de: 05.09.2013

Confirm cele de mai sus prin semnarea şi aplicarea sigiliului
Director General

OFICIUL DE STAT PENTRU INVENTII SI MARCI · ROMÂNIA ·

Bucureşti, Data eliberării: 30.01.2015

The invention relates to a lighting installation to be used in dental laboratories, in the compartment in which ceramic dental works are prepared.

According to the invention, the installation comprises an assembly of seven lighting fixtures (1) mounted at equal distances on a metal support frame (7) hanging from the room ceiling by means of some rod-type suspension elements (2), above a working table (4), where the distance between the lighting fixtures (1) and the surface of the working table (4) is of 140 cm, an electric control circuit (5) with three switches capable of successive switching, leading to a lighting of 2410 lx suitable for depositing light-polymerizable dental composite onto the dental work, by means of the first switch, a lighting of 2730 lx suitable for depositing ceramic mass onto the dental work, by means of the second switch, a lighting of 4040 lx, suitable for depositing ceramic mass onto the dental work, by means of the third switch, or a lighting of 8880 lx, suitable for fixing the colour of the dental work or for taking dental colour samples from the patient, by simultaneously coupling the three switches, the lighting fixtures (1) being provided with mirror dispersing device, high-performance electronic ballast and fluorescent lamps with a colour rendering index Ra=94 and a colour rendering temperature of 5200K.

INVENTORS:PAVEL STEFAN, BORZA IOAN

UTILITY MODEL NO. RO201300050

COMPRESSED-AIR INSTALLATION FOR STOMATOLOGY UNITS


ROMÂNIA

OFICIUL DE STAT PENTRU INVENŢII ŞI MĂRCI

CERTIFICAT

privind
Modelul de Utilitate înregistrat
Nr. RO 2013 00050

Titlul: INSTALAŢIE DE AER COMPRIMAT PENTRU UNITĂŢI STOMATOLOGICE

Durata Modelului de Utilitate este de 6 ani, cu începere de la data de: 11.11.2013

Confirm cele de mai sus prin semnarea şi aplicarea sigiliului
Director General

OFICIUL DE STAT PENTRU INVENŢII ŞI MĂRCI • ROMÂNIA •

Bucuresti. Data eliberării: 30.01.2015

The invention relates to a compressed-air installation of a stomatology unit attending a plurality of dental units at the same time.

According to the invention, the installation comprises a first section including a compressor (1) which supplies a buffer reservoir (2) connected by a T-shaped branch (3) to a pipe (4) supplying a plurality of dental units by means of an electrically-operated valve (5) controlled by an hourly and weekly programing device (6), the said valve (5) being preceded and followed by some closing and opening valves (7 and 8) and distorted by a by-pass circuit provided with a closing and opening valve (9), and a second section which, by the same T-shaped branch (3), via another pipe (11), leads to a plurality of dental units of the emergency room, using a serial assembly consisting of some closing and opening valves (10, 13 and 16), a pressure regulator (12), a pressure gauge (14), a one-way valve (15) and a second T-shaped branch (17) by which a second compressor (18) is connected to the pipe (11) by means of some closing and opening valves (19 and 22), a pressure gauge (20) and a one-way valve (21).