

Title (en)

DENTAL TREATMENT UNIT COMPATIBLE WITH DIFFERENT CONNECTIONS BOXES

Title (de)

ZAHNÄRZTLICHE BEHANDLUNGSEINHEIT, DIE MIT VERSCHIEDENEN VERBINDUNGSDOSEN KOMPATIBEL IST

Title (fr)

UNITÉ DE TRAITEMENT DENTAIRE COMPATIBLE AVEC DIFFÉRENTES BOÎTES DE CONNEXION

Publication

EP 4338720 A1 20240320 (EN)

Application

EP 23196495 A 20230911

Priority

IT 202200018645 A 20220913

Abstract (en)

Dental treatment unit (100) set up for fixing to a floor, comprising a patient chair (41) and a hydrogroup (42); said hydrogroup (42) comprising an internal support frame (52) substantially having a parallelepiped shape, provided with a hydrogroup base (43) lying on the floor; there being provided connecting piping and wiring for feeds and drain of said dental treatment unit (100), said piping/wiring being intended for connecting one connections box (C1 or C2 or C3 or C4) placed in different points of the floor in an installation environment of said unit to a feeds entry point (50) of said feeds piping and wiring into said hydrogroup (42), said dental treatment unit (100) being characterized in that it comprises a dental unit base (51) having a bottom shape, i.e. on its side lying on the floor, and a top shape, i.e. on its side opposed to the bottom side, suitable for allowing the passage of said connecting piping and wiring from said connections box (C1 or C2 or C3 or C4) to said feeds entry point (50) into said hydrogroup (42), said piping and wiring running on said top shape and under said bottom shape of said dental unit base (51). Said dental unit base (51) is suitable for connecting said dental unit (100) to one pre-existing fixed connections box (C1 or C2 or C3 or C4), said connections box having previously been connected to another dental treatment unit to be replaced (10, 20, 30) so that the dental chair (41) is positioned in the same outline on the floor as that of the removed patient chair (1).

IPC 8 full level

A61G 15/14 (2006.01); **A61G 12/00** (2006.01)

CPC (source: EP)

A61G 12/007 (2013.01); **A61G 15/14** (2013.01)

Citation (applicant)

- US 3650033 A 19720321 - BEHNE ERNST-AUGUST, et al
- DE 1932324 U 19660210 - KALTENBACH & VOIGT [DE]
- EP 0100491 A2 19840215 - SIEMENS AG [DE]
- EP 0895769 A2 19990210 - KALTENBACH & VOIGT [DE]
- DE 1822226 U 19601124 - EMDA [DE]
- EP 2086489 A1 20090812 - KALTENBACH & VOIGT [DE]
- EP 2526916 A1 20121128 - PLANMECA OY [FI]
- US 3524676 A 19700818 - COCHERELL FRANCIS E, et al

Citation (search report)

- [A] US 3524676 A 19700818 - COCHERELL FRANCIS E, et al
- [AD] EP 0100491 A2 19840215 - SIEMENS AG [DE]

Designated contracting state (EPC)

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Designated extension state (EPC)

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