

Title (en)

Dental apparatus having handpieces attached to supply lines.

Title (de)

Zahnärztliches Gerät mit an Versorgungsleitungen gebundenen Handstücken.

Title (fr)

Appareil dentaire ayant des pièces à main attachées à des conduites d'alimentation.

Publication

EP 0202476 A1 19861126 (DE)

Application

EP 86105274 A 19860416

Priority

DE 3514831 A 19850424

Abstract (en)

1. Dental device comprising several handpieces (3 to 6) connected to supply lines (2) which may be stored in through-shaped storage devices (7) in their non-use position and the supply lines (2) of which are held by means of supporting elements (11) in an obliquely upward position directed away from the operator's position, the supporting elements (11) being arranged pivotably about a horizontal axle bearing (23) and loaded with a restoring force to move the supply lines back into the obliquely up-wardly-directed position again when the handpieces have been placed in their non-use positions, characterised in that the ends, on the device side, of the supply lines (2) of all the handpieces (3 to 6) comprise identically designed connection fittings (9) for the releasable connection during operation, i.e. without the aid of tools, to appropriately designed connection fittings (10) on the device side, and in that the ends, on the device side, of the supporting elements (11) of all the handpieces (3 to 6) similarly contain identically designed connection parts (13) for the releasable connection during operation to appropriately designed mounting parts (21) on the device side, the connection parts (13) for the supporting elements (11) being so designed that they may be moved in a form-fitting manner into and out of engagement with the mounting parts (21) and may each be removed from the device (1) independently of one another.

Abstract (de)

Die Erfindung bezieht sich auf ein zahnärztliches Gerät mit an Versorgungsleitungen(2) gebundenen Handstücken (3 bis 6), die in ihrer Nichtgebrauchslage in muldenförmigen Ablagevorrichtungen (7) ablegbar sind und deren Versorgungsleitungen (2) mittels Stützglieder (11) in einer schräg aufwärts und von der Bedienstelle weg gerichteten Position gehalten werden. Um die Bedienungs- und Servicefreundlichkeit eines solchen, mit "Peitschen" bestückten Gerätes zu verbessern, ist erfindungsgemäß das geräteseitige Ende sowohl des Stützgliedes (11) als auch der Versorgungsleitung (2) eines jeden Handstückes (3 bis 6) mittels eines betriebsmäßig lösbaren Anschlußteiles (9, 13) am Gerät gehalten. Die "Peitschen" können dadurch in beliebiger Reihenfolge am Gerät angeordnet bzw. leicht ausgewechselt werden.

IPC 1-7

A61C 1/00; **A61G 15/00**

IPC 8 full level

A61C 1/00 (2006.01); **A61G 15/00** (2006.01); **A61G 15/16** (2006.01)

CPC (source: EP)

A61G 15/16 (2013.01)

Citation (search report)

- [AD] DE 2046989 A1 19720330 - SIEMENS AG
- [A] DE 2849035 A1 19800522 - RITTER AG
- [AD] DE 3243294 A1 19840524 - SIEMENS AG [DE]
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EP0820732A3; EP2086447A4; DE19630349C1; EP0820752A3; EP0820752A2; WO2008052749A3; WO2008062101A1

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