

Title (en)

Device for vibrational massage of oral muscles of an individual

Title (de)

Gerät zur Vibrationsmassage der Mundmuskulatur von Personen

Title (fr)

Dispositif pour le massage vibratoire des muscles oraux d'une personne

Publication

EP 2783673 A1 20141001 (EN)

Application

EP 13161228 A 20130327

Priority

EP 13161228 A 20130327

Abstract (en)

The present invention relates to a vibrational massage apparatus for providing relaxation of oral muscles of an individual comprising a mouthpiece (1) for stimulation treatment of oral muscles of an individual, having a body element (3), means (4) for generating a plurality of vibration signals that are being transferred to the body element (3); an interface (1.5) for a power supply and control unit (2), a contact element (1.6) connected to the body element (3), whereas the contact element (1.6) has a lip-adapted and the contact element (1.6) having a plurality of contact surfaces (3.1, 3.2, 3.3, 3.4, 3.5, 3.6, 3.7, 3.8) on which said vibration signals are applied and enabling a direct contact between the contact element (1.6) and oral parts of said individual for providing relaxation of oral muscles of said individual."

IPC 8 full level

A61H 23/02 (2006.01); **A63B 21/02** (2006.01); **A63B 23/03** (2006.01)

CPC (source: EP)

A61H 23/02 (2013.01); **A61H 23/0254** (2013.01); **A63B 21/00196** (2013.01); **A63B 23/032** (2013.01); **A61H 23/0245** (2013.01);
A61H 2201/0107 (2013.01); **A61H 2201/0165** (2013.01); **A61H 2201/165** (2013.01); **A61H 2205/022** (2013.01)

Citation (applicant)

EP 1733767 A1 20061220 - WEGSCHEIDER HUBERT [AT]

Citation (search report)

- [XI] US 2002188235 A1 20021212 - MANSKA WAYNE E [US]
- [XI] US 5967784 A 19991019 - POWERS MICHAEL J [US]
- [XI] US 5928262 A 19990727 - HARBER H ROBERT [US]
- [X] WO 2009150685 A2 20091217 - BODYRESET S R L [IT], et al
- [XI] US 6193742 B1 20010227 - MORIARTY DAVID J [US]

Cited by

KR20190052776A; CN105943331A; KR20170011982A; DE102018003659A1; US2023240802A1; USD846754S; WO2023146726A1;
US10940078B1; EP3929148A1; IT202000015364A1; US10342728B2; US10675208B2; US11471365B2

Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)

BA ME

DOCDB simple family (publication)

EP 2783673 A1 20141001

DOCDB simple family (application)

EP 13161228 A 20130327