Title (en)
  DEVICE FOR CYCLICAL EXTENSION OF THE JAW

Title (de)
  VORRICHTUNG FÜR CYCLISCHE KIEFERDEHNUNG

Title (fr)
  DISPOSITIF POUR LE TRAITEMENT OU LA PRÉVENTION DE MALADIES CÉRÉBRALES, DE L'HYPERTENSION ARTÉRIELLE, DE L'ACCIDENT VASCULAIRE CÉRÉBRAL, DE MALADIES NEURODÉGÉNÉRATIVES

Publication
  EP 2542202 A2 20130109 (EN)

Application
  EP 11729156 A 20110307

Priority
  • IT PI20100023 A 20100305
  • IB 2011000492 W 20110307

Abstract (en)
  [origin: WO2011107875A2] A device (1) for treating or preventing cerebral diseases, arterial hypertension, cerebral stroke, neurodegenerative diseases, provides a means for causing a mouth hyperextension and activating the proprioceptive sensations of the mandibular muscles. The means for causing a mouth hyperextension comprise a central portion (30) including a "U"- folded metal lamina of about 1-2 mm of thickness, for example 1.2 mm. At the end (31.32) of the central portion (30) are provided two curved laminar portions (10.20) that are arranged to be located, in use, at the upper wall (41) and at the lower wall (42) of the oral cavity of a patient (50). More in detail, the curved laminar portions (10.20) can be connected to the central portion (30) through a respective stair portion (11.21). This allows the central portion (30) to go beyond the dental arches (51, 52) of the patient (50), in order to arrange the laminar portions (10.20) adjacent to the palate and to the space between the tongue and the lower dental arch of the patient, or directly on the tongue itself. The metal of the device (1) has such a hardness that allows, in use, to stretch the mandibular elevator muscles.

IPC 8 full level
  A61H 1/02 (2006.01)

CPC (source: EP)
  A61H 1/02 (2013.01); A61H 2201/1207 (2013.01); A61H 2201/1253 (2013.01); A61H 2205/026 (2013.01)

Citation (search report)
  See references of WO 2011107875A2

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