

Title (en)
ORTHODONTIC DEVICES AND METHODS

Title (de)
ORTHODONTE VORRICHTUNGEN UND VERFAHREN

Title (fr)
DISPOSITIFS ET PROCEDES ORTHODONTIQUES

Publication
EP 1928343 A4 20091125 (EN)

Application
EP 06788389 A 20060725

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- AM 20050147 A 20050809
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- AM 20050149 A 20050809
- AM 20050208 A 20051118
- US 32721106 A 20060107
- US 32721206 A 20060107
- US 32720906 A 20060107
- US 32721006 A 20060107

Abstract (en)
[origin: WO2007021468A2] Correction of the form of the dental alveolar arch or the form of the upper jaw and stimulation of growth and filling of defects of missing jaw tissues are described. A metal wireframe may be mounted on teeth of dentition's frontal segment and fastening elements connected through lingual arch or lingual and vestibular power units. Alternatively, fastening elements may be fastened on teeth of dentition's lateral segments, e.g., metal wireframes clasping teeth of dentition's lateral segments, and connected with two plates located on both sides of median palatine suture and connected with each other by metal wire palatal power element(s). Fastening elements on teeth of lateral segments and a plate or plates may be connected through springs. Edges of a jaw defects may be irritated by imparting vibratory motions to a plate. A space may be freed for neoformations of tissues by periodically correcting a plate's working surface. Alveolar arch form may be corrected through fitting an orthodontic device in the mouth cavity, its periodic removal and activation and influence on teeth by forward and rotary forces.

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CPC (source: EP)
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Citation (search report)

- [X] US 6435871 B1 20020820 - INMAN DONAL P [US]
- [X] US 6033216 A 20000307 - SOURIS GEORGE A [US]
- [DA] US 1142467 A 19150608 - WALKER WILLIAM ERNEST [US], et al
- [A] US 4123844 A 19781107 - KURZ CRAVEN H
- See references of WO 2007021468A2

Designated contracting state (EPC)
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