

Title (en)

WIDE LABIAL BOW WITH IMPROVED SUPPORT MEMBER FOR GREATER TOOTH SUPPORT AND ALIGNMENT

Title (de)

BREITER LABIALBOGEN MIT VERBESSERTEM STÜTZELEMENT FÜR BESSERE STÜTZE UND AUSRICHTUNG VON ZÄHNEN

Title (fr)

ARC LABIAL LARGE AVEC ÉLÉMENT DE SUPPORT AMÉLIORÉ POUR SUPPORT ET ALIGNEMENT DE DENT AMÉLIORÉS

Publication

**EP 3405136 A4 20190828 (EN)**

Application

**EP 17741957 A 20170119**

Priority

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- US 2017014203 W 20170119

Abstract (en)

[origin: WO2017127588A1] The invention relates to a dentition retaining assembly that includes a joint between a holding member such as a labial bow and a supporting member. The holding member includes at least one hole located near each end, each of which are secured to a wire supporting member. The wire supporting member is secured to the bow by threading its end through the hole of the bow where the shape of the proximal end of the wire is substantially U-shaped. These features of the holding member, supporting members and the manner in which each end of the holding member is attached to the supporting member allows for greater support and alignment of the teeth by allowing for a wide labial bow while still maintaining a small diameter of the supporting member so as to be aesthetically pleasing.

IPC 8 full level

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CPC (source: EP)

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Citation (search report)

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- [A] US 2013122444 A1 20130516 - GRIFFITHS PAUL WILLIAM [CA]
- [A] JP 2005270618 A 20051006 - YAMAGUCHI MITSURU
- See references of WO 2017127588A1

Designated contracting state (EPC)

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