

Title (en)

DENTAL ALIGNER, METHOD OF PRODUCTION, AND ORTHOSIS COMPRISING SUCH AN ALIGNER

Title (de)

ZAHNÄRZTLICHER AUSRICHTER, VERFAHREN ZUR HERSTELLUNG UND ORTHESE MIT SOLCH EINEM AUSRICHTER

Title (fr)

GOUTTIÈRE DENTAIRE, PROCÉDÉ DE RÉALISATION ET ORTHÈSE COMPRENANT UNE TELLE GOUTTIÈRE

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Application

EP 16790413 A 20161104

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Abstract (en)

[origin: WO2017084896A1] The present invention relates to a dental aligner (1), comprising a framework (2) which is made of a rigid synthetic material and supports a shell (3) made of thermoformable material, said framework (2) having an anterior wall, which is called the labial wall (21), and a posterior wall, which is called the lingual wall (22), which walls are substantially parallel to each other and are connected by a bottom wall, which is called the occlusal wall (23), the latter being substantially perpendicular to the labial wall (21) and the lingual wall (22) in such a way that the framework (2) has a U-shaped cross section in any vertical plane, characterized in that said thermoformable shell (3) is accommodated between said labial (21), lingual (22) and occlusal (23) walls of said framework essentially and is anchored thereon by way of anchoring means (4, 5) which are formed in the framework (2) and the thermoformable shell (3).

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