

Title (en)
A DENTAL MATRIX SECTION

Title (de)
DENTALMATRIXABSCHNITT

Title (fr)
SECTION DE MATRICE DENTAIRE

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Application
EP 20833300 A 20200624

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Abstract (en)
[origin: WO2020263166A1] The invention relates to a dental matrix section (10) intended for providing a wall at a laterally open part of a tooth cavity (C) at filling therapy. It has a base portion (11) of a band like shape extending from a first lateral end (12a) to a second lateral end (12b). The base portion (11) has an inside (13a) intended to face the tooth cavity (C) to be filled and an outside (13b) opposite to the inside. According to the invention, the outside (13b) of the base portion (11) is provided with at least one abutment surface (16a, 16b) adjacent at least one of the first (12a) and second (12b) lateral ends. The abutment surface forms an angle (α) directed towards the outside of the base portion (11) of less than 90 degrees with a line (N) perpendicular to the base portion at the middle thereof, which abutment surface is adapted to be acted on by a separation ring (18), wherein each abutment surface (16a, 16b) is located on a projection (15a, 15b) projecting from the outside (13b) of the base portion (11). The invention also relates to a dental system with a matrix section according to an embodiment of the invention and a separation ring designed to match the matrix section.

IPC 8 full level
A61C 5/85 (2017.01)

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A61C 5/85 (2017.01 - EP SE)

Citation (search report)
• [XY] DE 2335971 A1 19750130 - PRUEFER ALBERT
• [X] EP 0097266 A1 19840104 - KRUPP GMBH [DE]
• [X] US 1833247 A 19311124 - ROBERT FUST
• [Y] US 2629930 A 19530303 - VICTOR LANE
• See references of WO 2020263166A1

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