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DENTAL IMPLANT SYSTEM AND METHOD FOR PRODUCING A DENTAL IMPLANT SYSTEM

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Abstract of WO2012065718 (A1)

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The invention relates to a dental implant system (1, 1', 1'') having a first implant part (2, 2', 2'') provided for introduction into a jawbone and having a second implant part (4) associated therewith, for attachment of a dental prosthesis piece, wherein the implant parts (2, 2', 2'', 4) can be mechanically connected to one another by means of a connecting lug (10) which is formed on one of the implant parts (2, 2', 2'', 4) and can be inserted into a receiving channel (12) provided in the other implant part (2, 2', 2'', 4), wherein said dental implant system should have a particular stability and long service life even when ceramic materials or base materials which are comparable in the basic material properties thereof are used for the implant parts (2, 4). For this purpose according to the invention in a contact region with the receiving channel (12) the connecting lug (10) is provided, in a bonded manner, with a spacer (22) made of a material which is softer by comparison with the material of the connecting lug (10), and in order to form a bonded connection to the coating (26) the connecting lug has a porous surface, preferably having a porosity of at least 0.1, in the surface region of said connecting lug provided with the coating (26).

