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(54) Title: THREE-DIMENSIONAL IMPLANT WITH HYDROPHILIC SURFACE

(57) Abstract: The disclosure provides a 3D tissue reconstruction implant having a hydrophilic implant surface and consisting of a bio-resorbable material, wherein the implant surface is considered hydrophilic when assessed using an ink test following ISO 8296:2003 and adapted to a 3D surface, wherein said ink test comprises incubating the implant for 1 min in a solution consisting of an ink with a surface tension of 72 mN/m and water and wherein after incubation of the implant in said solution an ink colored implant surface is indicative for a hydrophilic implant surface. The disclosure also provides said implant for use in tissue reconstruction, (soft) tissue support, tissue augmentation and/or implant revision and the use of said implant for reconstructing, augmenting and/or revising a tissue and/or supporting a (soft) tissue, respectively, wherein the implant is inserted into a patient. Further the disclosure provides a method of manufacturing a tissue reconstruction implant with a hydrophilic implant surface.

WO 2025/008379 A1