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(54) Title: INSERTION SYSTEM AND METHOD FOR INSERTING A MEDICAL DEVICE THE TECHNICAL FIELD

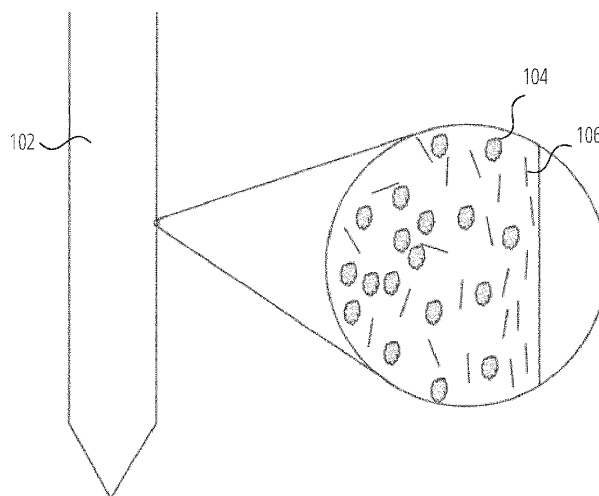


FIG. 1

(57) Abstract: Insertion tool for inserting at least a part of a medical device into a subject, insertion device comprising the insertion tool and an insertion mechanism, and method for manufacturing the insertion tool, wherein the insertion tool comprises a penetrating portion that comprises a composite material comprising at least one first material and at least one second material, wherein the first material is an amorphous material or amorphous composite, the second material is a fibrillary material or fibrillary composite or a crystalline material or crystalline composite, a fluid absorption of the first material of the composite material is higher than a fluid absorption of the second material of the composite material, and the insertion device is adapted to soften when in contact with a body fluid at least due to the fluid absorption of the amorphous material or amorphous composite.

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