

BIOCORRODIBLE MAGNESIUM ALLOY IMPLANT

ABSTRACT

The invention relates to an implant comprising a base body made of a biocorroddible magnesium alloy. The magnesium alloy contains a plurality of statistically distributed particles, comprising one or more of the elements Y, ZR, Mn, Sc, Fe, Ni, Co, W, Pt and noble earths with the atomic numbers 57 to 71, or the particles comprise alloys or compounds containing one or more of the elements mentioned. The mean distance of the particles from each other is smaller than the hundredfold mean particle diameter.