

ABSTRACT

BIOMATERIAL

A process for the preparation of a composite biomaterial comprising an inorganic material and an organic material, the process comprising: (a) providing a first slurry composition comprising a liquid carrier, an inorganic material and an organic material; (b) providing a mould for the slurry; (c) depositing the slurry in the mould; (d) cooling the slurry deposited in the mould to a temperature at which the liquid carrier transforms into a plurality of solid crystals or particles; (e) removing at least some of the plurality of solid crystals or particles by sublimation and/or evaporation to leave a porous composite material comprising an inorganic material and an organic material; and (f) removing the material from the mould

Figure 5