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(54) Title: NONWOVEN CEMENTITIOUS COMPOSITE FOR IN-SITU HYDRATION

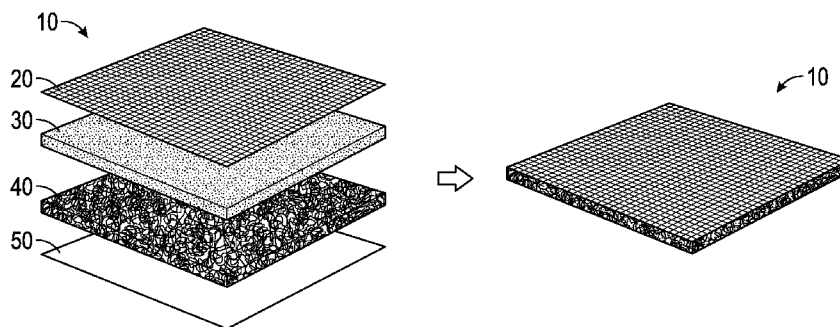


FIG. 2

(57) Abstract: One embodiment of the present disclosure relates to a cementitious composite material for in-situ hydration having a mesh layer including a first side, a second side, and a plurality of fibers arranged in a nonwoven configuration; a cementitious material having a plurality of cementitious particles disposed within the mesh layer; a sealing layer disposed along the first side of the mesh layer and coupled to the plurality of nonwoven fibers; and a containment layer disposed along the second side of the mesh layer and configured to prevent the plurality of cementitious particles from migrating out of the mesh layer.