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(54) Title: ENERGY DISSIPATION COMPOSITE MATERIAL

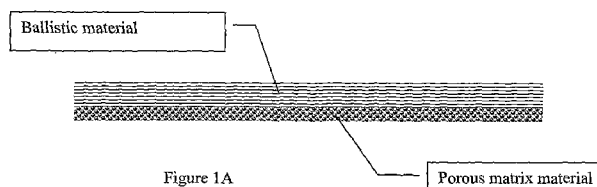


Figure 1A

(57) Abstract: A composite material able to dissipate the kinetic energy of a moving object comprising a layer of ballistic material bonded to a layer of porous matrix material which is impregnated with shear thickening fluid.



WO 2011/099936 A1