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METHOD OF PRODUCING THE COMPOSITE METAL-AND-PLASTIC
COMPONENTS OF AN ANTIBALLISTIC GRILL FOR AN ARMORED VEHICLE

Abstract

A method of fabricating the composite metal-and-plastic components of an antiballistic grill for an armored vehicle. Each component comprises a core in the form of a length of structural section with layers of plastic against each side
5 bonded to the core by heat and pressure in a mold comprising two halves. The object of the present invention is simpler and more economical lamination in the fabrication of non-flat work with a metal core. The core is electrically heated to a
10 prescribed processing temperature by regulating a current of electricity, whereby the resulting heat is employed to soften to a prescribed extent adhesive between the core and the layers of plastic to be bonded to it.

Figure 1



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