

Abstract**COMPOSITE COMPONENT FORMING METHOD**

A method of forming a fibre composite component (10), the method comprising: providing a plurality of first fibres (102), the first fibres (102) being arranged in a plurality of layers (104a-e) with an uncured thermoset resin matrix (106) being provided therebetween. The resin matrix (106) comprises a plurality of second electrically conductive fibres (108) suspended therein having a shorter length than the first fibres (102). The method comprises then applying an energy field to the resin matrix (106) to thereby align the second fibres (108) such that they provide an electrically conductive path between adjacent layers (104a-e) of first fibres (102) to form an electrically conductive fibre network comprising the first and second fibres (102, 108). The method comprises then inducing an electric current through the electrically conductive fibre network to thereby heat and cure the resin matrix (106).

figure 1/1a.