METHODS OF MAKING A REINFORCEMENT PART AND REINFORCING A VEHICLE

ABSTRACT

A method of making a reinforcement part for a vehicle includes applying a release film directly onto a surface of the vehicle, applying a first metallic layer directly or indirectly onto the release film, applying a curable bonding layer directly onto the first metallic layer, and applying a second metallic layer directly onto the curable bonding layer. The method also includes applying pressure to the first metallic layer, the curable bonding layer, and the second metallic layer so that the first metallic layer, the curable bonding layer, and the second metallic layer are compressed against the surface. The method further includes curing the curable bonding layer when pressure is applied to the curable bonding layer to form the reinforcement part. The method additionally includes, after curing the curable bonding layer, removing the reinforcement part from the surface.

Fig. 15