

ABSTRACT**METHOD AND SYSTEM FOR REPAIRING METALLIC ARTICLE**

The present invention provides a method and system for repairing at least one targeted defective area of a metallic article to be repaired. Preferably, there are steps that include preparing filler material, computing, via a computing module, one or more motion paths that are required to be followed by the robotic spray device, and a predetermined amount of the filler material required for repairing the article, based on the targeted defective area of the article, and processing, via a robotic spray device provided with the filler material, actions for repairing the targeted defective area of the article. The robotic spray device propels filler material towards the targeted defective area for the filler material to be either or both be dispersed over an area on the article that includes the targeted defective area and streamed towards the targeted defective area in a concentrated manner, based on its processing and computations of the computing module.

FIGURE 1 for publication.