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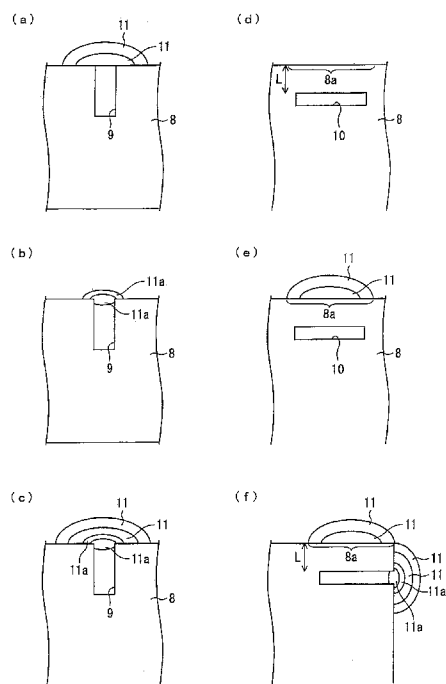
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(54) Title: PROCESS FOR REPAIRING PIT AND PROCESS FOR REPAIRING METAL MEMBER

Fig. 2



(57) Abstract: The present invention is to provide a process for repairing a pit comprising a heat transfer salt therein by welding, or a process for repairing a metal member in which a blowhole comprising a heat transfer salt therein is formed. A pit repairing process of the present invention is a process for repairing a pit 9 by welding, wherein the pit 9 is formed on or through the metal member 8 and comprises a heat transfer salt therein. The process comprises a first welding step for forming a plurality of metal layers 11 over the pit 9 by a micro-TIG method in which welding is conducted by arc discharge to a welding material, a compression step for compressing the formed metal layers 11 by applying impact on the metal layers 11 so that a thickness of the metal layers is compressed at a compression ratio of 50% or less, and thereafter a second welding step for forming a plurality of additional metal layers 11 on the compressed metal layers 11a by the micro-TIG method.