

ABSTRACT

Disclosed is a coated pipe having an amorphous inner surface and a method of manufacturing the same, whereby an amorphous alloy powder is coated on an inner surface of the pipe, thus ensuring that an amorphous structure is maintained after coating and thus coating density, corrosion resistance, and wear resistance of the pipe are improved. The coated pipe having an amorphous inner surface includes: a pipe; and a coating layer provided on an inner surface of the pipe, wherein the coating layer is an alloy or metal layer of a material different from a material of the pipe and contains an amorphous phase in a proportion of equal to or greater than 90%.

Fig. 14