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(54) **MULTILAYERED PIPES, METHOD OF PRODUCING THE SAME AND METHOD OF WELDING TWO MULTILAYERED PIPES**

(57) A multilayered polymer pipe and a method of welding two or more multi-layered pipes to form a pipeline. The polymer pipe comprises a first weldable tubular layer forming the core of the pipe, the first layer comprising essentially non-polar polymer material; a second layer at least partially surrounding the first layer and spaced apart from it, the second layer comprising essentially polar polymer material; and a third layer fitted between the first layer and the second layer, the third layer being ad-

hered to the first layer and to the second layer so as to interconnect said layers. The third layer comprises a polymer material having an adhesion strength to the second layer which is greater than its adhesion strength to the first layer. By means of the invention, the barrier layer can be peeled off manually to expose the pipe and allow for its welding by conventional polymer welding techniques.

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