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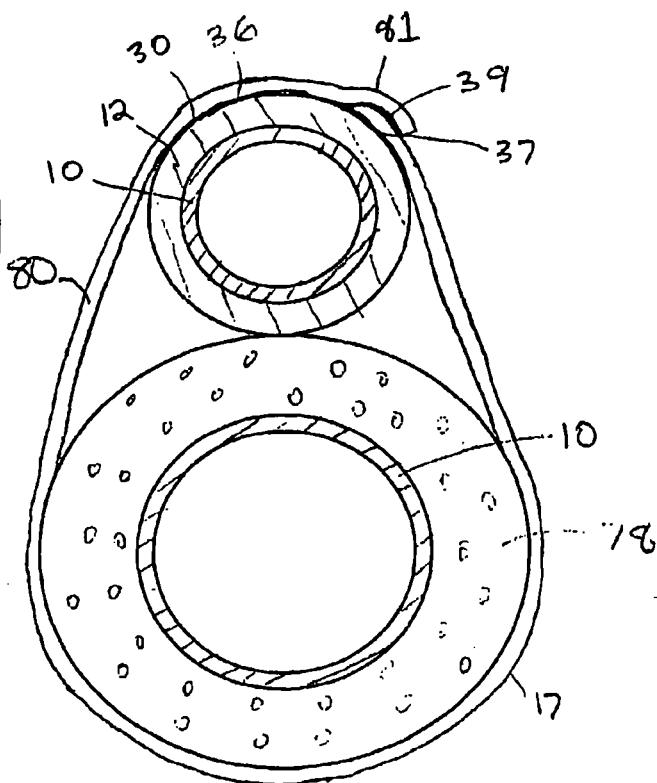
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(54) Title: APPARATUS FOR FUSING WRAP PIECE TO PLASTIC COATED PIPE



(57) Abstract: A system and apparatus for and method of fusing a wrap (17) to a portion of a length of plastic-coated (12) pipe (10) are disclosed. The system comprises a thermoplastic piece shaped to conform to the portion of pipe, the piece including a heat-generating trace (30) and the heat-generating trace including a plurality of trace leads thereon. The system further comprises a clamp for applying pressure to the piece in the vicinity of the heat-generating trace (30), the clamp including at least two compression bands, each of the compression bands including a plurality of power leads, each of the power leads corresponding to one of the trace leads. The power leads preferably automatically are placed into electrical contact with the trace leads when the clamp is applied over the thermoplastic piece. The piece can be used for a variety of purposes, including bundling multiple pipes (10) together, maintaining an annular space between concentric pipes, maintaining an anode in contact with two pipes and affixing a patch or cover to one or more pipes.



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