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D'Hulster et al.

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(54) **APPARATUS AND METHOD FOR HEAT CURING OF PIPE LINERS**

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(57) **ABSTRACT**

An apparatus and method that accelerates curing of resin in a liner for a buried pipe includes an air inversion unit connected to an air compressor. The apparatus include a curing cap having an inflation port, a curing port and a drainage port. A remote source of pressurized fluid is placed in fluid communication with the inflation port. The apparatus also includes a manifold having an outlet, a first inlet in valved fluid communication with a heated fluid source, a second inlet in valved fluid communication with a pressurized fluid source and a third inlet in valved fluid communication with the drainage port. A flexible tube is slidably received by the curing port while maintaining a substantially fluid-tight seal. The flexible tube has a first end in fluid communication with the outlet of the manifold and the second end has a substantially spherical guide thereon. The second end of the flexible tube also includes a plurality of perforations to allow fluids to pass there through.

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