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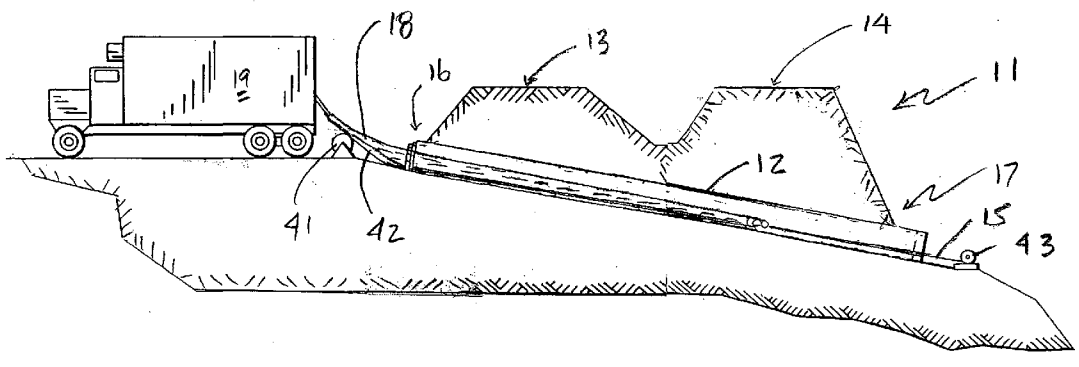
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(54) Title: INSTALLATION OF CURED IN PLACE LINERS WITH AIR AND FLOW-THROUGH STEAM TO CURE



(57) Abstract: A process for lining an existing pipeline or conduit with a flexible resin impregnated cured in place liner by pulling in the liner and inflating a resin impregnated inflation bladder with air and curing the liner with flow-through steam without loss of pressure is provided. The liner includes a resin absorbent material in tubular form with an impermeable membrane forming an outer layer. The inflation bladder also includes a resin absorbent material in tubular form with an impermeable membrane forming an outer layer and an exhaust assembly at the trailing end and is passed through a pressurized inversion apparatus into the collapsed liner. As the bladder reaches the distal end, the exhaust assembly exits the everting bladder and is coupled to an exhaust hose. Steam is then introduced the inversion apparatus to cure the resin and is exhausted through the exhaust tube. After cure, steam is replaced with air to cool the liner and the ends are cut to restore service through the host pipe.

WO 2006/052539 A3