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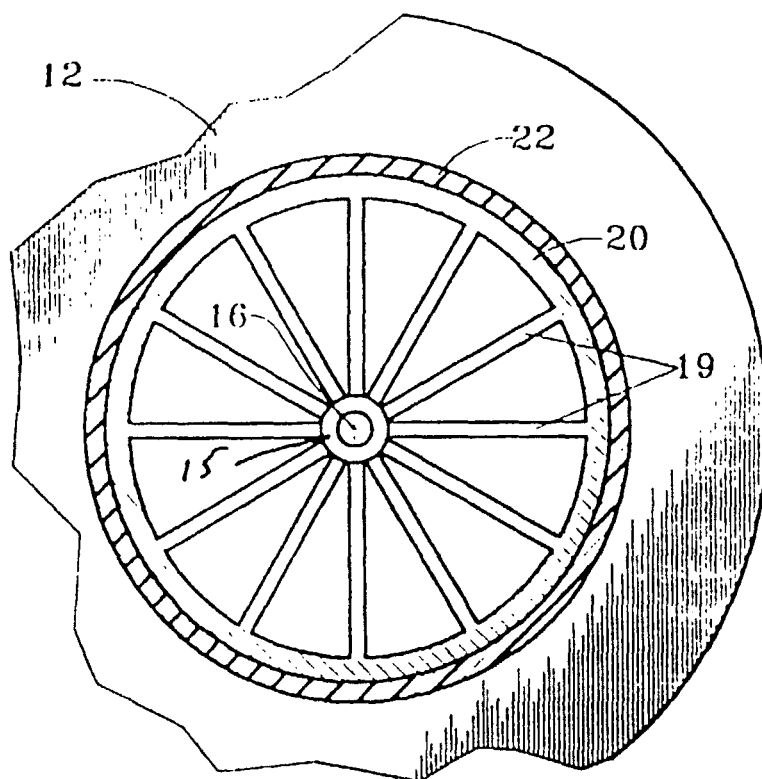
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(54) Title: REEL FOR SUPPORTING COMPOSITE COILED TUBING



(57) Abstract: This invention relates to two apparatus and one method for use in spooling composite coiled tubing onto a coiled tubing reel (10). One apparatus includes the modification of tubing reel cores currently in common use by the direct adhesion of a compliant material (22) to the hub (20). Another apparatus modifies the commonly used tubing reel hub by affixing several panels (26) concentric to the hub and mounted on compression springs (24). The method entails the pressurization of the composite coiled tubing prior to spooling onto the tubing reel, and subsequently releasing the pressure within the composite tubing after it has been spooled onto the tubing reel. Both apparatus and the method protect the reel core by absorbing or eliminating the radially inward forces of the composite tubing resulting from the pressurization and corresponding contraction in length of the spooled composite coiled tubing.

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