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(54) Title: APPARATUS AND METHOD FOR ISOLATING A SECTION OF A PIPE RISER BORE IN THE COURSE OF RISER RENEWAL

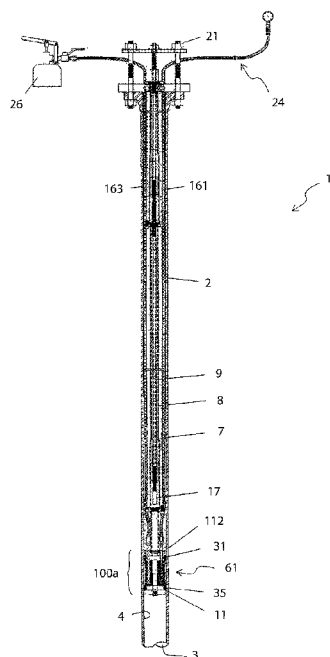


Figure 1

(57) Abstract: The isolation tool works at depth in the bore of a pipe whose upper end is to be severed and replaced. The tool isolates the lower pipe bore from the upper bore so that flammable downhole fluid is prevented from reaching a welding site along the pipe wall. The tool incorporates: means for establishing a pair of axially spaced apart annular seals engaging the pipe inner surface; means for venting downhole fluid to ground surface. The tool is primarily mechanical in nature. It finds use in connection with off-shore platform riser renewal operations.



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