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Declarations under Rule 4.17:

— as to applicant's entitlement to apply for and be granted a patent (Rule 4.17(ii))

— as to the applicant's entitlement to claim the priority of the earlier application (Rule 4.17(iii))

[Continued on next page]

(54) Title: CLAMP SUITABLE FOR INCREASING THE FATIGUE LIFE OF THE BUTT WELDS OF A PIPE PRESSURE VESSEL WHICH IS SUBSEQUENTLY BENT

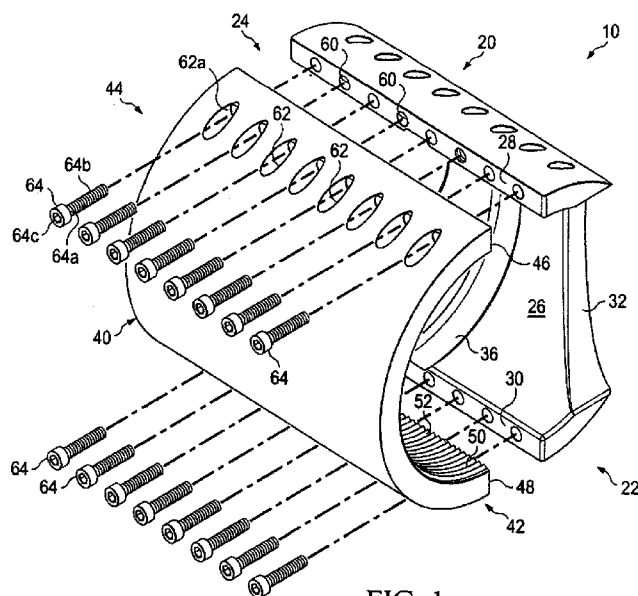


FIG. 1

(57) Abstract: A pipe clamp for affixing to a pipe subjected to bending to minimize fatigue for a butt weld in the pipe. The pipe clamp includes an inside clamp segment and an outside clamp segment each having a semi-cylindrical shape, a first end and a second end. An inside surface of the inside clamp segment is substantially smooth for permitting slippage of an outside surface of the pipe with respect to the inside surface of the clamp segment. The outside clamp segment has an inside surface that defines a friction element. The friction element is for gripping an outside surface of the pipe to which the outside clamp segment is affixed. A clamp mechanism is provided for securing the inside clamp segment to the outside clamp segment.



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