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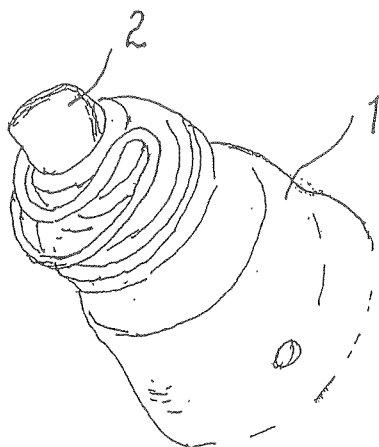
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(54) Title: METHOD FOR OBTAINING ENHANCED FATIGUE STRENGTH IN WELDED METAL JOINTS AND HAMMER
HEAD FOR USE AT COLD WORKING



(57) Abstract: A method for obtaining enhanced fatigue strength in
welded metal joints and -components comprising a weld toe (9) subjected
to cold working such that a visible and/or measurable indentation at the
weld toe (9) is produced. The cold working is carried out by means of
a power driven hammer head, which has a slightly convex, elongated
contact surface (3) in the length direction for contact with the weld toe
(9). Hereby, the geometry of the weld toe (9) is strongly improved at
the same time as residual stresses after the welding are eliminated and
advantageous compressive stresses are established.

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