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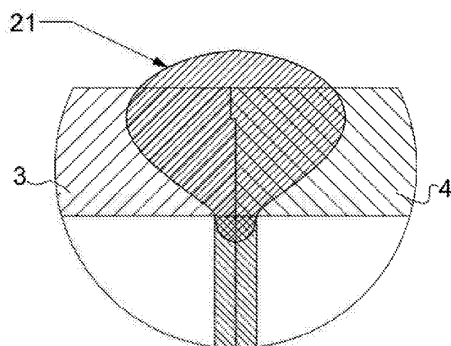


Fig 2b

(57) Abstract: The invention provides a method for coaxially welding together two tubes. Axial ends of the tube walls of the respective tubes are machined in such a way that they have a stepped shape over at least a first part of the tube wall thicknesses. The stepped shapes complement each other. The method comprises the subsequent steps of A positioning the first tube and the second tube coaxially with respect to each other, wherein the machined axial ends contact each other at least over the first part of the first tube wall thickness and the first part of the second tube wall thickness and wherein the first stepped shape of the machined axial end of the first tube wall and the second stepped shape of the machined axial end of the second tube wall fit into each other, and wherein a seam is present between the first parts of the first tube and the second tube thicknesses, B fixating the first tube and the second tube at discrete positions over the circumference of the seam via attachment welds, C welding the first tube and the second tube to each other over the entire circumference of the first tube and the second tube, wherein the circumferential weld extends over the entire thickness of the first tube wall and over the entire thickness of the second tube wall.

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