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(71) Applicant: **CONEX IPR LIMITED** [GB/GB]; Global House, 95 Vantage Point The Pensnett Estate, Kingswinford West Midlands DY6 7FT (GB).

(72) Inventors: **GLAZE, Alan**; c/o Conex Universal Limited, Global House, 95 Vantage Point The Pensnett Estate, Kingswinford West Midlands DY6 7FT (GB). **KLINSKI, Grzegorz**; c/o Conex Universal Limited, Global House, 95 Vantage Point The Pensnett Estate, Kingswinford West Midlands DY6 7FT (GB). **LEIGH, Richard**; c/o Conex Universal Limited, Global House, 95 Vantage Point The Pensnett Estate, Kingswinford West Midlands DY6 7FT (GB). **SALEHI-BAKHTIARI, Manouchehr**; c/o Conex Universal Limited, Global House, 95 Vantage Point The Pensnett Estate, Kingswinford West Midlands DY6 7FT (GB).

(54) Title: TUBE CUTTER FOR CUTTING A ROUND TUBE AND METHOD FOR CUTTING A ROUND TUBE TO LENGTH

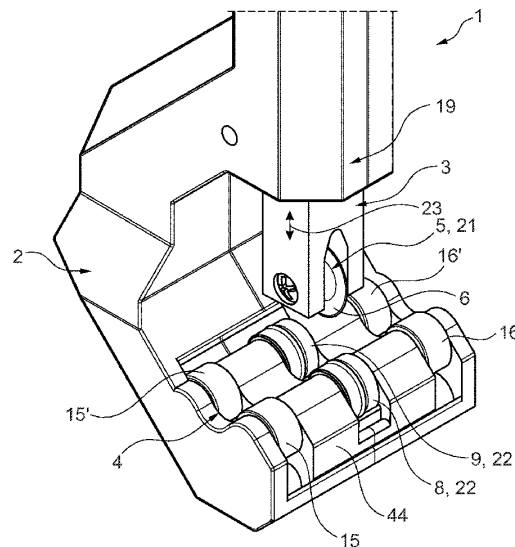


Fig. 1

(57) **Abstract:** The invention relates to a tube cutter (1; 1.1) for cutting a round tube (100). The tube cutter (1; 1.1) comprises a main body (2; 2.1), a cutting device (3) assigned to the main body (2; 2.1), and a rotary guide (4) for the main body (2; 2.1). The rotary guide (4) is designed to rotatably receive the round tube (100) in order to allow for a rotation of the tube cutter (1; 1.1) about the central axis (110) of the round tube (100) along its outer circumference (120). The cutting device (3) has a cutting part (5) with a blade (6) lying in a cutting plane (7) and is designed such that, with a rotation of the tube cutter (1; 1.1) about the round tube (100), the blade (6) executes a circumferential cut (400) in the cutting plane (7). In the tube cutter (1; 1.1), at least one forming element (8) is also provided, which protrudes into the cutting plane (7) or is positioned at least in the cutting plane (7) and is designed such that, with the rotation of the tube cutter (1; 1.1) about the round tube (100), it acts in a forming manner on the outer circumference (120) of the round tube (100),

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(74) **Agent: FRKELLY;** 27 Clyde Road, Dublin, Dublin D04 F838 (IE).

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in order to form a bevel (131; 141) at an end of at least one of the tube parts (130, 140), created by the cut (400) of the blade (6), by means of material displacement. The invention also relates to a method for cutting a round tube (100) to length.