

Title (en)

A tube punching and/or bending assembly, particularly for punching holes having axes transversely to one another and/or for bending a tube with curves not coplanar to one another.

Title (de)

Stanz- und/oder Biegevorrichtung für Rohre, insbesondere zum Stanzen von Löchern mit zueinander senkrechten Achsen und/oder zum Biegen eines Rohres mit Krümmungen in verschiedenen Ebenen.

Title (fr)

Dispositif pour le poinçonnage et/ou le cintrage de tubes en particulier pour le poinçonnage de trous à axes perpendiculaires l'un par rapport à l'autre et/ou pour le cintrage d'un tube à courbes dans des plans différents.

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Application

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Abstract (en)

A tube punching assembly comprises a pair of jaws (42, 43) movable relatively to each other in a first direction to clamp an interposed tube; and a frame (83) integral with one of said jaws and carrying a rod or stem (84) movable in a second direction transverse to said first direction. Said rod carries a piercing punch (88) or a tube bending pad. One or both jaws are provided with openings for allowing the operation of said punch, and/or with a particular shape for cooperation in tube bending. Preferably, each jaw is provided with a punch (70, 75) which is movable in said first direction relative to the jaws. The jaws are carried onto a movable body (35) on a base (31).

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Citation (search report)

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