

Title (en)

PROCESS AND APPARATUS FOR THE INCREMENTAL BENDING OF PROFILE TUBES, IN PARTICULAR OF PROFILE TUBES HAVING CROSS SECTIONS WHICH VARY OVER THE LONGITUDINAL AXIS

Title (de)

VERFAHREN UND VORRICHTUNG ZUR INKREMENTELLEN BIEGEUMFORMUNG VON PROFILROHREN, INSBESONDERE VON PROFILROHREN MIT ÜBER DIE LÄNGSACHSE VARIIERENDEN QUERSCHNITTEN

Title (fr)

PROCÉDÉ ET DISPOSITIF SERVANT À LA MISE EN FORME INCRÉMENTIELLE PAR INFLEXION DE TUBES PROFILÉS, EN PARTICULIER DE TUBES PROFILÉS PRÉSENTANT DES SECTIONS TRANSVERSALES À AXE LONGITUDINAL VARIABLE

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Application

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Abstract (en)

[origin: WO2013143512A1] The invention relates to a process for forming profile tubes (2), in particular profile tubes (2) having cross sections which vary over the longitudinal extent, in which process a tube (2) having an initial profile cross section is guided past a tool station (1) with at least one tool (3) at least once by means of a feed device (14, 15), wherein the tool (3) and the tube (2) are arranged adjustably in relation to one another in at least one degree of freedom, and the tool (3) locally incrementally forms the tube cross section during the relative movement between the tube (2) and the tool (3). In this respect, before or after the incremental forming in the first tool station (1), the tube (2) is guided past at least one further tool station (6) at least once, the forming action of said tool station on the tube (2) also or exclusively bending the tube (2) along the longitudinal extent of the tube (2). A corresponding apparatus for carrying out the process is furthermore proposed.

IPC 8 full level

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