

Title (en)

METHOD AND DEVICE FOR PRODUCING STRAIGHT BEAD WELDED PIPES FROM FLAT SHEET METAL BLANKS

Title (de)

VERFAHREN UND VORRICHTUNG ZUM HERSTELLEN VON LÄNGSNAHTGESCHWEISSTEN ROHREN AUS EBENEN BLECHZUSCHNITTEN

Title (fr)

PROCEDE ET DISPOSITIF POUR LA PRODUCTION DE TUBES A CORDONS DE SOUDURE LONGITUDINAUX A PARTIR DE DECOUPES DE TOLE

Publication

EP 1089835 B1 20020327 (DE)

Application

EP 99931143 A 19990623

Priority

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- EP 9904338 W 19990623

Abstract (en)

[origin: US6494360B1] An apparatus to produce straight bead welded tubes from flat sheet metal blanks with two parallel longitudinal edges includes two form tool halves. The two form tool halves have outer cylindrical half shells borne by a tool support, and are disposed laterally inverted in relation to one another. They are moved towards one another and out of an opened receiving position for the sheet metal blanks into a closed position, in which the two longitudinal edges are held together by the two form tool halves. The apparatus also includes a welding device, which moves over the two form tool halves along the two longitudinal edges retained in a welding position. The two form tool halves have cylindrical internal mandrel halves which are fixedly associated with the outer cylindrical half shells and which cooperate with the outer cylindrical half shells to produce form gaps for insertion of the sheet metal blanks.

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IPC 8 full level

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CPC (source: EP US)

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