

Title (en)
METHOD AND DEVICE FOR PRODUCTION OF A LONGITUDINAL SEAM WELDED HOLLOW PROFILE

Title (de)
VERFAHREN UND VORRICHTUNG ZUR HERSTELLUNG EINES LÄNGSNAHTGESCHWEISSTEN HOHLPROFILS

Title (fr)
PROCEDE ET DISPOSITIF POUR PRODUIRE UN PROFILE CREUX A SOUDURE LONGITUDINALE

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Application
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Abstract (en)
[origin: WO2006034773A1] The invention relates to a method and a device for production of a longitudinal seam welded hollow profile (R) from a section of sheet metal (B), comprising defined longitudinal edges (B1,B2), whereby the section of sheet metal (B) is firstly pre-formed to give a slotted profile (Sr), by means of at least two tool pieces (2,3), each comprising a recess (4,5) which determine the external form of at least a section of the hollow profile (R) for production and then the facing longitudinal edges (B1,B2) of the section of sheet metal (B) in the region of the slotted profile (Sr) are welded together. Said method and device permit the economical production of exactly formed hollow profiles in a simple manner. The above is achieved, whereby, in order to generate the slotted profile (Sr), the section of sheet metal (B) is freely laid around a mandrel (8), positioned between the tool pieces (2,3), running in the longitudinal direction of the section of sheet metal (B), the outer form of which corresponds to the inner form of the hollow body (R) for production, by means of a change in the relative position of the tool pieces (2,3) and the thus obtained slotted profile (Sr) is pre-formed in a single or multiple steps by yet another change in the relative position of the tool pieces (2,3).

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Citation (search report)
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Cited by
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