Title (en)
A METHOD FOR PRODUCING RECTANGULAR OR SQUARE WALL ELEMENTS FROM FLAT SHEET METAL, AND WALL ELEMENTS PRODUCED THEREWITH

Title (de)
VERFAHREN ZUR HERSTELLUNG RECHTECKIGER ODER QUADRATISCHER WANDELEMENTE AUS FLACHBLECH UND DAMIT HERGESTELLTE WANDELEMENTE

Title (fr)
PROCÉDÉ DE FABRICATION D'ÉLÉMENTS DE PAROI RECTANGULAIRES OU CARRÉS EN TÔLE PLATE ET ÉLÉMENTS DE PAROI AINSI FABRIQUÉS

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Abstract (en)
[origin: WO2012113548A1] The invention relates to a method for producing rectangular or square wall elements from flat sheet metal, comprising the following steps: - determining a length and width of a wall element, - making available a flat sheet metal piece from flat sheet metal material having a material thickness, which piece has two longitudinal edges of the determined length and two transverse edges of the determined width and projects by a predetermined extent along each longitudinal edge and transverse edge in order to form two mutually longitudinal edge portions and two mutually opposite transverse edge portions having a predetermined edge width, wherein the short lateral edges of the longitudinal edge portions and of the transverse edge portions have the dimension of the edge width, - incising the two longitudinal edge portions parallel to the transverse edge close to each short lateral edge in order to form two incisions having an incision length which is smaller than the edge width so as to form two tabs for each longitudinal edge portion which are separated by a respective incision from the remaining longitudinal edge portion and have a transverse dimension, - right-angled folding of a respective strip, formed by the incisions, of the remaining longitudinal edge portion parallel to the longitudinal edge, wherein the strip has a width which corresponds at most to the incision length less the material thickness, - right-angled folding of the tabs parallel to the longitudinal edge at the level of the base of the associated incision, - right-angled folding of the longitudinal edge portions along the longitudinal edge, - right-angled folding of the transverse edge portions parallel to the transverse edge to form a strip having a width corresponding to the transverse dimension of the tabs, and - again right-angled folding of the transverse edge portions along the transverse edge.

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See references of WO 2012113548A1

Citation (examination)
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- FR 2109017 A7 19720526 - TUNZINI AMELIORAIR SA
- EP 0081249 A1 19830615 - IE PE GE B V [NL]
- GB 2143020 A 19850130 - PHILIPS NV
- EP 1319791 A2 20030618 - BEISSWENGER FRIEDRICH [DE]

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