Title (en)

DEVICE FOR CRIMPING TWO METAL SHEETS BY FRICTION AND METHOD FOR IMPLEMENTING SAME

Title (de)

VORRICHTUNG ZUM CRIMPEN VON MINDESTENS ZWEI METALLBLECHEN DURCH REIBUNG UND VERFAHREN ZUR DURCHFÜHRUNG DAVON

Title (fr)

DISPOSITIF POUR LE SERTISSAGE DE DEUX TOLES PAR FROTTEMENT ET SON PROCÉDÉ DE MISE EN OEUVRE

Publication

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Application

EP 14749874 A 20140610

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Abstract (en)

[origin: WO2015007967A1] The invention relates to a device (10) for crimping by friction, of the type comprising a crimping tool (16) designed to fold down a first edge (18) to be folded of a first metal sheet (12) on a second edge (20) of a second metal sheet (14), the tool (16) being moved along a work axis (A) parallel to the first edge (18) to be folded, where the tool (16) defines at least one crimping face (26a) that is suitable for cooperating by friction with the first edge (18) to be folded of the first metal sheet (12), and which extends from upstream to downstream in the direction of advance of the tool (16), from a first upstream leading portion (28) designed to extend parallel to the first edge (18) to be folded, to a second downstream portion (30) angularly inclined relative to the first portion (28) around the work axis (A), the crimping face (26a) comprising a third intermediate folding portion (32) with a helical shape suitable for folding the first edge (18) to be folded by boring.

IPC 8 full level

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Citation (search report)

See references of WO 2015007967A1

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