

Title (en)

METHOD AND APPARATUS FOR JOINING SHEET MATERIAL AND JOINT FORMED THEREIN

Title (de)

VERFHREN UND GERÄT ZUM VERBINDEN VON BLECHEN UND DARIN HERGESTELLTE VERBINDUNG

Title (fr)

PROCEDE ET APPAREIL D'ASSEMBLAGE D'UN MATERIAU EN FEUILLE ET ASSEMBLAGE OBTENU

Publication

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Application

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Abstract (en)

[origin: WO9603232A1] The present invention apparatus for joining sheet material provides a stepped punch (38). This stepped punch (38) serves to strengthen a joint (14) between two or more sheets of material (16 and 18) by creating a stepped segment (122) in at least one of these sheets of material. During formation of this stepped segment (122), material is forcibly displaced toward another segment of material that is outwardly expanded to interlock with the adjacent sheet of material.

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