

Title (en)

A METHOD FOR MANUFACTURING PERFORATED PIECES OF PLATE OR STRIP MATERIAL USED IN THE CONSTRUCTION INDUSTRY AND A PIECE MANUFACTURED BY THE METHOD

Title (de)

VERFAHREN ZUR HERSTELLUNG VON PERFORIERTEN TEILEN AUS PLATTEN- ODER STREIFENMATERIAL FÜR DIE BAUINDUSTRIE UND AUF DIESE WEISE HERGESTELLTES TEIL

Title (fr)

PROCÉDÉ DE FABRICATION DE PIÈCES PERFORÉES D'UNE TÔLE OU D'UN MATÉRIAU EN BANDE UTILISÉES DANS L'INDUSTRIE DE LA CONSTRUCTION ET PIÈCE FABRIQUÉE PAR LE PROCÉDÉ

Publication

EP 2552621 A1 20130206 (EN)

Application

EP 11713940 A 20110330

Priority

- FI 20105323 A 20100330
- US 2011030500 W 20110330

Abstract (en)

[origin: WO2011123520A1] A method for manufacturing a piece (10) including metal plate or strip material used in the construction industry, in which method holes (11) are formed in the metal plate or strip material by pressing the sheet or strip material at the point of the hole to be formed and thus forcing the material to be transferred from the area of the hole to be formed to the edges of the hole (12). The invention also concerns a piece manufactured by the method.

IPC 8 full level

B21J 5/10 (2006.01); **B21K 23/00** (2006.01)

CPC (source: EP FI)

B21D 28/02 (2013.01 - FI); **B21D 28/24** (2013.01 - FI); **B21J 5/10** (2013.01 - EP); **B21K 23/00** (2013.01 - EP); **E04B 1/2612** (2013.01 - FI); **E04B 1/5831** (2013.01 - FI)

Citation (search report)

See references of WO 2011123520A1

Citation (examination)

US 2810191 A 19571022 - HAUNA JOHN C

Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

DOCDB simple family (publication)

WO 2011123520 A1 20111006; EP 2552621 A1 20130206; FI 20105323 A0 20100330; FI 20105323 A 20111001

DOCDB simple family (application)

US 2011030500 W 20110330; EP 11713940 A 20110330; FI 20105323 A 20100330