

Title (en)

Method for manufacturing a door leaf from metal sheets and door leaf

Title (de)

Verfahren zum Herstellen eines Türblattes aus Metallblechen sowie Türblatt

Title (fr)

Procédé de fabrication d'un vantail en tôles de métal et vantail

Publication

EP 2487315 A1 20120815 (DE)

Application

EP 11154245 A 20110211

Priority

EP 11154245 A 20110211

Abstract (en)

The method involves providing a sheet metal box and a cover plate for forming a box and a cover. A retainer is provided in edge portion of the box or cover plate. The tongue receptacles arranged in edge portion of the box or cover plate for receiving the retainer. The box and cover plate are assembled by bending the retainer in the tongue receptacles to form connecting regions (78). An independent claim is included for door leaf.

Abstract (de)

Bei einem Verfahren zum Herstellen eines Türblattes (70) aus Metallblechen (10, 56) in Kasten- und Deckelbauweise werden in einem der Bleche (10, 56) Umbiegeungen (30) und in dem anderen Blech (10, 56) Zungenaufnahmen (64) zur Aufnahme der Umbiegeungen (30) vorgesehen. Durch Umbiegen der Umbiegeungen (30) in die Zungenaufnahmen (64) werden die Metallbleche (10, 56) zu einem Türblatt (70) verbunden.

IPC 8 full level

E06B 3/82 (2006.01)

CPC (source: EP)

E06B 3/827 (2013.01); **E06B 5/16** (2013.01); **E06B 2003/7046** (2013.01)

Citation (search report)

- [XYI] WO 2004104348 A1 20041202 - RAV BARIACH SECURITY PRODUCTS [IL], et al
- [XYI] WO 2005100726 A1 20051027 - MALAYSIA WOODWORKING PTE LTD [SG], et al
- [Y] DE 10215728 A1 20030710 - BEISWENGER FRIEDRICH [DE]
- [A] US 2010000157 A1 20100107 - COTLET MIHAI [US], et al
- [A] WO 03048496 A1 20030612 - MALAYSIA WOODWORKING PTE LTD [SG], et al
- [A] US 3252262 A 19660524 - JESSEN HOWARD E
- [A] US 2653686 A 19530929 - ARTHUR ROUTH
- [A] EP 1333144 A2 20030806 - TORTEC BRANDSCHUTZTOR GMBH [AT]

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

Designated extension state (EPC)

BA ME

DOCDB simple family (publication)

EP 2487315 A1 20120815; DE 102012002860 A1 20120816

DOCDB simple family (application)

EP 11154245 A 20110211; DE 102012002860 A 20120213