Title (en)

RETAINING TAB FOR STANDING-SEAM TRAYS ON WOOD OR WOOD-DERIVATIVE CARRIERS

Title (de)

HALTELASCHE FÜR STEHFALZSCHALEN AUF TRÄGERN AUS HOLZ ODER EINEM HOLZDERIVAT

Title (fr)

PATTE DE RETENUE POUR BACS A JOINTS DEBOUT SUR SUPPORTS BOIS ET DERIVES DU BOIS

Publication

EP 2321481 B1 20120307 (FR)

Application

EP 09778297 A 20090903

Priority

• EP 2009006376 W 20090903
• EP 08016089 A 20080912
• EP 09778297 A 20090903

Abstract (en)

[origin: WO2010028773A1] In roof covering systems using zinc or zinc-alloy trays with standing-seam crimping, the use of tabs secured by two screws is well known. The invention particularly relates to a metal fastening tab for securing a standing-seam tray on a wood or wood-derivative carrier, which comprises a first surface (1) with a perforation (2) for receiving a screw for attachment onto the carrier, a second surface (3) generally perpendicular to said first surface and including a hook (4) for engaging with the ridge of the tray to be secured, the two surfaces defining an edge (5), characterised in that the first surface includes a single perforation (2) for receiving a single screw, and in that the centre (6) of said perforation (2) is not included in the mediator (7) of the edge (5) in order to reduce the force applied on the tab and on the tray by the torque induced when tightening said screw. Such a tab, with a single large-diameter screw, is easier and quicker to place than traditional tabs. The tab is specially designed to limit its own torsion and to avoid any buckling of the tray to be secured when tightening the single screw.

IPC 8 full level

E04D 3/362 (2006.01); **E04D 3/361** (2006.01)

CPC (source: EP US)

E04D 3/361 (2013.01 - EP US); **E04D 3/362** (2013.01 - EP US)

Designated contracting state (EPC)

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 SE SI SK SM TR

DOCDB simple family (publication)

WO 2010028773 A1 20100318; AT E548523 T1 20120315; AU 2009291248 A1 20100318; CN 102149881 A 20110810; DK 2321481 T3 20120625; EP 2321481 A1 20110518; EP 2321481 B1 20120307; ES 2383732 T3 20120625; PL 2321481 T3 20120831; PT 2321481 E 20120604; US 2011185671 A1 20110804

DOCDB simple family (application)

EP 2009006376 W 20090903; AT 09778297 T 20090903; AU 2009291248 A 20090903; CN 200980135817 A 20090903; DK 09778297 T 20090903; EP 09778297 A 20090903; ES 09778297 T 20090903; PL 09778297 T 20090903; PT 09778297 T 20090903; US 200913063066 A 20090903