Title (en)

Clamp assembly for a standing seam

Title (de)

Klammeranordnung für eine stehende Schweißnaht

Title (fr)

Ensemble de serrage pour jointure fixe

Publication

**EP 2395175 A2 20111214 (EN)**

Application

**EP 11168562 A 20110602**

Priority

GB 201009692 A 20100610

Abstract (en)

A clamp assembly is provided for securing an ancillary device (16) to a standing seam (8) interconnecting metal panels (4, 6), the standing seam comprising a protruding web portion (10) with a head portion (12) at an outer extremity thereof. The clamp assembly comprises: a body member (54); first and second arms (58, 60) extending from the body member, at least one of the arms being pivotally interconnected with the body member at at least one hinge means (62, 64), the first and second arms having free end regions (70, 72); a spreader member (20) formed with an aperture (22) and with first and second protrusions (24, 26) on one face thereof; and threaded fastener means (86) passing through the aperture in the spreader member and engaging in a complementary threaded aperture (88) in the body member. As the threaded fastener means is tightened so as to move the spreader member towards the body member, the first and second protrusions engage with an inner surface of a first end region (74, 76) of each of the arms so as to urge the first end regions apart and to urge a second end regions together to clamp against the protruding web of the standing seam.

IPC 8 full level

**E04D 13/10** (2006.01); **E04G 21/32** (2006.01)

CPC (source: EP)

**E04G 21/3261** (2013.01); **E04G 21/3285** (2013.01)

Citation (applicant)

WO 2007036693 A1 20070405 - TAYLOR PETER [GB]

Cited by

CN103243874A; DE202014009504U1; US8528888B2; US10641300B2; US11725679B2

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)

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DOCDB simple family (publication)

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