

Title (en)

Clamp for securing metal sheets to beams of roofing systems, roofs and the like with joint for joining together base surface and bearing surface freely slidable in the longitudinal direction

Title (de)

Klemme zur Befestigung von metallischen Platten an Balken eines Dachsystems, eines Dachs oder ähnlichem mit einer Fuge zur in der longitudinalen Richtung, frei verschiebbaren Verbindung einer Basisfläche mit einer Lagerfläche

Title (fr)

Pince pour sécuriser des feuilletés métalliques aux poutres de systèmes de toiture, toitures et similaires avec un joint permettant la jonction d'une surface de base et d'une surface de support librement glissante dans la direction longitudinale

Publication

**EP 2772595 A1 20140903 (EN)**

Application

**EP 14156305 A 20140224**

Priority

IT MI20130293 A 20130228

Abstract (en)

Clamp for securing metal sheets (2) to roofing beams (3), comprising a horizontal base surface (10) in which at least two through-holes (11) are formed, a bearing surface (20), substantially perpendicular to the base surface (10), the base surface (10) being provided with raised transverse ribs (18a) and at least one raised longitudinal rib (18b), wherein fastening together of the base surface (10) and the bearing surface (20) is performed by means of a joint (16,21a,21b) between a horizontal edge (15) of the base surface and a horizontal foot (21) of the vertical surface (20) which provides at least one degree of freedom for relative sliding of the base surface (10) and bearing surface (20) in the longitudinal direction (X-X)

IPC 8 full level

**E04D 3/362** (2006.01)

CPC (source: EP)

**E04D 3/362** (2013.01); **E04D 2003/3615** (2013.01)

Citation (applicant)

- US 2009044477 A1 20090219 - SIMPSON HAROLD G [US], et al
- WO 9859130 A2 19981230 - STEELOX SYSTEMS INC [US]

Citation (search report)

- [A] US 2009044477 A1 20090219 - SIMPSON HAROLD G [US], et al
- [A] WO 9859130 A2 19981230 - STEELOX SYSTEMS INC [US]
- [A] US 7574839 B1 20090818 - SIMPSON HAROLD G [US]
- [A] US 7730694 B1 20100608 - SIMPSON HAROLD G [US], et al
- [A] US 4034532 A 19770712 - REINWALL JR ERNEST WILLIAM
- [A] EP 1249556 A2 20021016 - SCHNEIDER WALTER SENIOR [CH]

Cited by

WO2017085357A1; CN109356336A

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 2772595 A1 20140903; EP 2772595 B1 20160413; IT MI20130293 A1 20140829**

DOCDB simple family (application)

**EP 14156305 A 20140224; IT MI20130293 A 20130228**