

Title (en)

Clamp for securing metal sheets to beams of covering surfaces, roofs and the like

Title (de)

Klammer zur Befestigung von Metallblechen an Balken von Überdachungsflächen, Dächern oder ähnlichem

Title (fr)

Attache pour fixer des plaques métalliques à des poutres de surface de recouvrement, toits et similaire

Publication

EP 2738319 B1 20160120 (EN)

Application

EP 13195123 A 20131129

Priority

IT MI20122064 A 20121203

Abstract (en)

[origin: EP2738319A1] Clamp for securing metal sheets (2) to roofing beams (3), comprising a base surface (10) with a larger dimension extending in the longitudinal direction (X-X) and smaller dimension extending in the transverse direction (Y-Y) and a bearing surface (20) at right angles to the base surface (10) and integral therewith, at least two through-holes (11) formed in the base surface, and end holes (11), each consisting of one of said through-holes (11) and being formed in the base surface (10) in the vicinity of one (10a;10b) of its opposite transverse side edges (10a,10b), at least one pair of stiffening and guiding ribs (15) formed on the base surface (10), that comprises a raised rib (13) extending in the transverse direction (Y-Y) between each end hole (11) and the associated transverse side edge (10a,10b) of the base surface (10); a continuous, raised, stiffening and guide rib (14) extending in the longitudinal direction (X-X) and formed at a certain distance from the longitudinal free edge (10c) of the base surface (10), the opposite ends of the longitudinal rib (14) being connected to the end of each transverse end rib (13), directed towards the free edge (10c) of the base surface and at least one pair of stiffening and guiding ribs (15) extend between the longitudinal rib (14) and the bearing surface (20), the opposite ends of said ribs (15) being respectively connected to the said longitudinal rib (14) and to the bearing surface (20).

IPC 8 full level

E04D 3/362 (2006.01); **B25B 23/00** (2006.01); **E04D 15/04** (2006.01)

CPC (source: EP)

B25B 23/00 (2013.01); **E04D 3/362** (2013.01); **E04D 15/04** (2013.01); **E04D 2003/3615** (2013.01); **E04D 2015/047** (2013.01)

Cited by

US9926699B2

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)

EP 2738319 A1 20140604; **EP 2738319 B1 20160120**; IT MI20122064 A1 20140604

DOCDB simple family (application)

EP 13195123 A 20131129; IT MI20122064 A 20121203