

Title (en)

JOIST HANGER, RETURN AND STRADDLE TYPE JOIST HANGERS

Publication

**EP 0210744 B1 19910227 (EN)**

Application

**EP 86304823 A 19860623**

Priority

- GB 8518625 A 19850723
- GB 8525176 A 19851011

Abstract (en)

[origin: EP0210744A1] Two embodiments of non-welded joist hanger are described. The first embodiment (Figures 1 to 9) is made from a constant width sheet metal blank formed to provide a stirrup (13) having a base (14), side walls (15) projecting upwardly and rearwardly from the base, inwardly turned abutment portions (19) formed by slitting the side walls at (20) and abutting the forward face of a supporting wall (13) and large area bearing portions (22) resting on the wall (17). An additional shoe plate (12) is mechanically fixed by tongue and slot or hook interengagement (23,30) and projects back to the supporting wall (17), terminating in a rear flange (25). In a second embodiment, the central portion of the blank is enlarged to provide an integral stirrup base (46) extending rearwardly to the supporting wall and an upturned or downturned central flap (51) at the rear of the stirrup abutting the supporting wall. A return member (65) and a straddle member (70) can be used with the joist hanger to provide return or straddle hangers using purely mechanical inter-engagement without welding. The invention also describes a method of making the blank.

IPC 1-7

**E04B 1/38**

IPC 8 full level

**E04B 1/26** (2006.01)

CPC (source: EP)

**E04B 1/2612** (2013.01)

Cited by

GB2195678A; EP0724045A1; US5555694A; US11920339B2

Designated contracting state (EPC)

BE CH DE FR GB LI LU NL SE

DOCDB simple family (publication)

**EP 0210744 A1 19870204; EP 0210744 B1 19910227**; DE 3677660 D1 19910404; GB 2178086 A 19870204; GB 2178086 B 19881221; GB 8615318 D0 19860730; IE 57340 B1 19920729; IE 861688 L 19870123

DOCDB simple family (application)

**EP 86304823 A 19860623**; DE 3677660 T 19860623; GB 8615318 A 19860623; IE 168886 A 19860624