

Title (en)

Arrangement in a reinforcing insertion structure for wall studs.

Title (de)

Verstärkungseinsatz für Wandpfosten.

Title (fr)

Insertion de renforcement pour poteaux de mur.

Publication

EP 0096675 A2 19831221 (EN)

Application

EP 83850157 A 19830608

Priority

SE 8203555 A 19820608

Abstract (en)

Arrangement in a wall stud, for providing a reinforcing insertion structure (14), said wall stud (5) having a generally U-shaped cross-section with a web (15) and two flanges (16, 17) projecting from the web in the same direction and at approximately right angles thereto. At their outer ends the flanges have edge portions (18, 19) bent inwardly towards each other so that an inner corner will be formed at the outer end of each flange (16, 17). At least at the points where insertion is to take place the stud (5) is provided with mounting and rigidifying inserts (14) arranged in the longitudinal direction and including a first web or flange portion (20) applied along the web (15) of the stud and at least one second flange portion (21, 22) arranged at an angle to the first flange portion (20) and the longitudinal outer free edge of which is adapted to be accommodated in said inner corner of the stud. The second flange portion (21, 22) is disposed so as to form, together with part of the web and flange portions (15; 16, 17) of the stud (5), one or more longitudinal hollow spaces of triangular torsionally rigidifying section.

IPC 1-7

E06B 1/02; **E04B 2/60**

IPC 8 full level

E04B 2/78 (2006.01); **E06B 1/60** (2006.01)

CPC (source: EP)

E04B 2/789 (2013.01); **E06B 1/60** (2013.01)

Cited by

AU2008241350B2; EP0402808A1; WO2008128275A1; WO2018072771A1; US10865561B2

Designated contracting state (EPC)

AT CH DE FR GB IT LI NL

DOCDB simple family (publication)

EP 0096675 A2 19831221; **EP 0096675 A3 19840418**; SE 445240 B 19860609; SE 8203555 L 19831209

DOCDB simple family (application)

EP 83850157 A 19830608; SE 8203555 A 19820608