

Title (en)
ARRANGEMENT IN A REINFORCING INSERTION STRUCTURE FOR WALL STUDS

Publication
EP 0096675 A3 19840418 (EN)

Application
EP 83850157 A 19830608

Priority
SE 8203555 A 19820608

Abstract (en)
[origin: EP0096675A2] 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.

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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)

Citation (search report)
• [A] DD 107325 A1 19740720
• [A] US 3425159 A 19690204 - FORTSCH FRANCIS J, et al
• [A] US 4281480 A 19810804 - WENDT ALAN C

Cited by
EP0402808A1; AU2008241350B2; US10865561B2; WO2018072771A1; WO2008128275A1

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