

Title (en)

TIMBER FRAME CAVITY WALL TIE AND METHOD AND BLANK FOR MAKING THE TIE

Publication

EP 0177152 A3 19870225 (EN)

Application

EP 85305939 A 19850821

Priority

- GB 8425050 A 19841004
- GB 8509279 A 19850411

Abstract (en)

[origin: EP0177152A2] A timber frame cavity wall tie (10), (40), comprises a strip of metal having two twists (14), (15); (44), (45). The outer leaf first portion (11), (41), of the tie has mortar keying formations and lies in a generally horizontal plane in use. The adjacent cavity bridging portion (12), (42), lies upright and has one or more water shedding formations (16), (49), within the cavity. The third inner portion of the tie (13), (43), is stiffened by a rib (21), (52), and secured to the inner timber frame leaf of a cavity wall. Immediately adjacent the stiffened portion (21), (52), there is an unstiffened portion (15), (46), which may be weakened by notches (54), at which the frame tie can bend to take up movement of the inner timber frame leaf of the cavity wall. The cavity bridging second part (12), (42), can have either an upwardly extending arched profile (12), with two water shedding formations or a downwardly directed U or V shaped profile having a single drip formation (49), in each case the water shedding properties being retained even after movement of the timber frame inner leaf.

IPC 1-7

E04B 2/30

IPC 8 full level

E04B 1/41 (2006.01)

CPC (source: EP)

E04B 1/4178 (2013.01)

Citation (search report)

- [Y] EP 0118176 A2 19840912 - BAT BUILDING [GB]
- [X] GB 2052601 A 19810128 - CALLAN P, et al
- [Y] GB 2073279 A 19811014 - SHAUGHNESSY J
- [A] GB 306671 A 19290228 - JAMES TREDWEL MCKENZIE
- [A] GB 354095 A 19310806 - HAROLD BERRIDGE
- [A] GB 2047767 A 19801203 - MARTIN K C
- [A] GB 1576712 A 19801015 - PLASTIC DEV TECH LTD
- [A] GB 602778 A 19480602 - LEONARD KING
- [A] GB 2131848 A 19840627 - CATNIC COMPONENTS LTD
- [A] GB 2111095 A 19830629 - GLASGOW STEEL NAIL COMPANY LIM
- [A] GB 2063329 A 19810603 - CATNIC COMPONENTS LTD
- [A] GB 537624 A 19410630 - WILLIAM HERBERT SMITH
- [A] GB 2095305 A 19820929 - EXPANDED METAL THE CO LTD
- [A] US 3300939 A 19670131 - WILFRED BRYNJOLFSSON, et al

Cited by

EA011371B1; DE3801823A1; US11401709B2; WO2006114177A1; WO9117327A1

Designated contracting state (EPC)

BE CH DE FR LI LU NL SE

DOCDB simple family (publication)

EP 0177152 A2 19860409; EP 0177152 A3 19870225; GB 2165275 A 19860409; GB 2165275 B 19880407; GB 8520898 D0 19850925; IE 56803 B1 19911218; IE 852084 L 19860404

DOCDB simple family (application)

EP 85305939 A 19850821; GB 8520898 A 19850821; IE 208485 A 19850823