

Title (en)  
Wall.

Title (de)  
Mauer.

Title (fr)  
Mur.

Publication  
**EP 0469801 A2 19920205 (EN)**

Application  
**EP 91306859 A 19910726**

Priority  
GB 9016679 A 19900730

Abstract (en)  
A sheet metal post (4), for use with a wall structure comprising wallboards (1) joined by tongue and groove joints (2,3), which comprises a metal sheet, preferably of galvanized sheet iron or steel, and having a flange (5) at each end of the section of the post, is characterized by one or more of the following features. 1. The post has a series of lips (8) having a reduced profile (8a), and also a series of slots (9) for receiving the smaller ends (8a) of a like sheet metal post, for easier stacking. 2. The flanges (5) are bent back on themselves at least once to provide flanges of increased thickness, to increase rigidity and also to improve fire resistance. 3. The post is provided with further flanges (10), to be bent back for retaining fire insulation material. 4. The flanges (5) are disposed at a small angle with respect to the plane of the post, to allow the strength of the wall structure as a whole to be improved. <IMAGE> <IMAGE>

IPC 1-7  
**E04B 2/72**; **E04B 2/78**

IPC 8 full level  
**E04B 2/56** (2006.01); **E04B 2/74** (2006.01); **E04B 2/78** (2006.01); **E04B 5/02** (2006.01); **E04B 9/28** (2006.01); **E04B 2/72** (2006.01)

CPC (source: EP)  
**E04B 2/7453** (2013.01); **E04B 2/7854** (2013.01); **E04B 2/723** (2013.01)

Cited by  
GB2383352A; GB2383352B; GB2307925A; GB2307925B; WO2012152276A1

Designated contracting state (EPC)  
AT BE CH DE DK ES FR GB GR IT LI LU NL SE

DOCDB simple family (publication)  
**EP 0469801 A2 19920205**; **EP 0469801 A3 19921007**; FI 913635 A0 19910730; FI 913635 A 19920131; GB 9016679 D0 19900912; IE 912634 A1 19920212; IL 99018 A0 19920715; JP H05133026 A 19930528; NO 912965 D0 19910730; NO 912965 L 19920131; PT 98504 A 19930930

DOCDB simple family (application)  
**EP 91306859 A 19910726**; FI 913635 A 19910730; GB 9016679 A 19900730; IE 263491 A 19910726; IL 9901891 A 19910731; JP 27903391 A 19910730; NO 912965 A 19910730; PT 9850491 A 19910730