

Title (en)

Building element, gravity wall made therefrom and its building method

Title (de)

Bauelement, daraus hergestellte Schwergewichtsmauer und Verfahren zur Herstellung der Schwergewichtsmauer

Title (fr)

Élément de construction, mur massif fabriqué avec cet élément et sa méthode de construction

Publication

EP 0872607 B1 20031105 (DE)

Application

EP 98107151 A 19980420

Priority

DE 19716472 A 19970419

Abstract (en)

[origin: EP0872607A2] The component has a rectangular basic body with two long sides, where narrow sides, base and head surfaces are located at right angles to basic body. On the base surface (5) and on the head surface (6) are complementarily formed connecting devices for adjacent structural components (1). The component has a high weight, guaranteeing its independent security. The connecting devices in the area of the head surface (6) are formed as projections (9) and as recesses (7) in the area of the base surface. The projection and the recess in each case have a trapezoidal cross-section. The connecting components in a longitudinal direction run parallel to the long sides (3). They have a width which is third of that of the narrow sides (4). They can also be arranged in the centre of the narrow sides. The length of the long sides is twice as large as that of the narrow sides. The basic body (2) has a length of preferably 1 mm, preferably 2 mm.

IPC 1-7

E04C 1/39; **E04B 2/08**; **E04B 2/10**; **E02D 29/02**

IPC 8 full level

E02D 29/02 (2006.01); **E04B 2/08** (2006.01); **E04B 2/10** (2006.01); **E04C 1/39** (2006.01); **E04B 2/02** (2006.01)

CPC (source: EP)

E02D 29/025 (2013.01); **E04B 2/08** (2013.01); **E04B 2002/0208** (2013.01); **E04B 2002/0254** (2013.01)

Cited by

PL127054U1; FR2808541A1; EP2059637A4; GB2375361A; GB2375361B; PL131115U1; WO2007009144A1; WO2006030009A1; WO0149943A3; US6402435B1; US7086811B2; WO2012018270A2; US8869487B2

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DE

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