

Title (en)  
Heat-insulating hollow block.

Title (de)  
Wärmeisolierender Hohlblockstein.

Title (fr)  
Bloc creux thermoisolant.

Publication  
**EP 0083915 A2 19830720 (DE)**

Application  
**EP 82890130 A 19820920**

Priority  
**AT 406381 A 19810922**

Abstract (en)  
1. Heat-insulating hollow block, whereas those parts (4) of the web in a roughly perpendicular position to heat flow (1) in order to achieve backward slanting heat paths are angled backwards in respect to the wall plane and laterally reversed to planes of symmetry (3) in as much characterized, as web parts (5) connecting web parts (4) are featuring single or manifold breaks (6), as slabs (8) of highly insulating material are situated along the planes of symmetry (3), extending from web part (5) or (6) to adjacent web part (5) or (6) and snugly fitted against same, and as wedge-shaped air spaces (9) between said slabs and web parts (4) feature at their thinnest section (9.2) a thickness greater than zero which is achieved by distance ribs of roughly rectangular cross-section (10) or triangular cross-section (11) sitting on the web parts (4).

Abstract (de)  
Die Erfindung betrifft die Ausbildung des Steg-Gitters bei Hohlblocksteinen o.dgl., mit dem Ziel einer maximalen Verringerung des Wärmeflusses durch den Stein. Dies wird erreicht durch rücklaufend verschwenkte Längs- und zusätzlich geknickte Querstege, mit entlang der Symmetrieebenen der Längsstege eingebrachten Isolierplatten, sowie zwischen diesen und den Längsstegen verbleibenden keilförmigen Luftschichten.

IPC 1-7  
**E04C 1/40**

IPC 8 full level  
**E04C 1/41** (2006.01); **E04B 2/02** (2006.01)

CPC (source: EP)  
**E04C 1/41** (2013.01); **E04B 2002/0293** (2013.01)

Cited by  
DE102004043494B4; DE102004043494A1

Designated contracting state (EPC)  
BE CH DE FR GB IT LI LU NL

DOCDB simple family (publication)  
**AT 370473 B 19830411; AT A406381 A 19820815**; DE 3273818 D1 19861120; EP 0083915 A2 19830720; EP 0083915 A3 19831123; EP 0083915 B1 19861015

DOCDB simple family (application)  
**AT 406381 A 19810922**; DE 3273818 T 19820920; EP 82890130 A 19820920