

Title (en)  
HEAT-INSULATING SUPPORTING ELEMENT FOR STRUCTURES

Publication  
**EP 0382708 B1 19920923 (DE)**

Application  
**EP 90890021 A 19900201**

Priority  
AT 23289 A 19890206

Abstract (en)  
[origin: EP0382708A1] A heat-insulating supporting element for structures is formed from building elements (1', 1'', ...) and has at least one longitudinal groove (2) which extends in its longitudinal direction, is formed from a base (5) and side walls (6, 7) and in which a steel insert (4) sealed with concrete (3) is inserted. To increase the thermal resistance in such a supporting element and to achieve a thermal insulation of a high-insulating brick wall, at least one strip (8) of heat-insulating material which extends over the length of the supporting element is inserted in the latter, the broad side (9) of the strip (8), starting from the base (5), extending parallel to the height (10) of the longitudinal groove (2) and the narrow side (11) extending parallel to the width (12) of the longitudinal groove (2). <IMAGE>

IPC 1-7  
**E04C 3/20**

IPC 8 full level  
**E04C 3/22** (2006.01); **E04C 3/29** (2006.01)

CPC (source: EP)  
**E04C 3/22** (2013.01); **E04C 3/29** (2013.01); **E04C 2003/023** (2013.01)

Cited by  
KR100502584B1; WO2012093970A1; AT410113B; EP0764747A3; DE4216367C2; DE19613775A1; DE19613775C2; EP1378615A2; WO9738182A1; EP1378615B1

Designated contracting state (EPC)  
BE CH DE FR LI NL SE

DOCDB simple family (publication)  
**EP 0382708 A1 19900816; EP 0382708 B1 19920923**; AT 400601 B 19960226; AT A23289 A 19950615; DE 59000312 D1 19921029

DOCDB simple family (application)  
**EP 90890021 A 19900201**; AT 23289 A 19890206; DE 59000312 T 19900201