

Title (en)  
MORTARLESS CONCRETE WALL SYSTEM

Title (de)  
MÖRTELLOSES BETONWANDSYSTEM

Title (fr)  
SYSTEME DE MUR EN BETON SANS MORTIER

Publication  
**EP 1725718 A1 20061129 (EN)**

Application  
**EP 04761600 A 20040730**

Priority  
• CA 2004001432 W 20040730  
• CA 2446523 A 20031030

Abstract (en)  
[origin: CA2446523A1] A mortarless concrete wall system. An insulation panel is connected to a brick by a connector. The insulation panel is spaced inwardly from the brick so as to form a space therebetween that is filled with concrete. The brick includes a plurality of bulbous projections, a first plurality of blind bores, a second plurality of blind bores, and a plurality of alignment pins that are received in the first plurality of blind bores in an associated brick and in the second plurality of blind bores in a brick of a next upper course. The insulation panel has a plurality of dove tail slots for plaster to grip, a dove tail slot, a dove tail projection received in the dove tail slot of an insulation panel in a lower adjacent course. The connector includes a pair of end pieces, a center piece, a pair of intermediate pieces, and an end cap.

IPC 8 full level  
**E04B 2/28** (2006.01); **E04B 2/32** (2006.01); **E04B 2/40** (2006.01); **E04B 2/86** (2006.01); **E04C 1/00** (2006.01); **E04C 5/16** (2006.01); **E04B 2/02** (2006.01); **E04B 2/84** (2006.01)

CPC (source: EP)  
**E04B 2/40** (2013.01); **E04B 2/8635** (2013.01); **E04B 2/8641** (2013.01); **E04B 2/847** (2013.01); **E04B 2002/0245** (2013.01); **E04B 2002/867** (2013.01)

Designated contracting state (EPC)  
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LI LU MC NL PL PT RO SE SI SK TR

DOCDB simple family (publication)  
**CA 2446523 A1 20050430**; EP 1725718 A1 20061129; EP 1725718 A4 20091230; WO 2005042862 A1 20050512

DOCDB simple family (application)  
**CA 2446523 A 20031030**; CA 2004001432 W 20040730; EP 04761600 A 20040730