

Title (en)

IMPROVED CONCRETE FORM WALL BUILDING SYSTEM

Title (de)

VERBESSERTE BAUKONSTRUKTION MIT BETONSCHALUNGSWÄNDEN

Title (fr)

SYSTEME DE CONSTRUCTION A PAROI DE COFFRAGE POUR BETON AMELIORE

Publication

EP 1214484 A1 20020619 (EN)

Application

EP 00959880 A 20000831

Priority

- US 0024304 W 20000831
- US 38960799 A 19990903
- US 60918900 A 20000630

Abstract (en)

[origin: WO0118318A1] An insulated concrete form wall building system having a form into which concrete is poured and which provides both structural support and insulation. A first embodiment includes a pair of spaced apart elongated expanded polystyrene sidewalls (12, 13), each having opposed inner surfaces (18) that are formed with longitudinally spaced apart vertically oriented ribs (19) that terminate in substantially flat surfaces to abut against one another to serve as a concrete wall form. A second embodiment includes a form pair of spaced apart elongated expanded polystyrene sidewalls (64, 66) and divisional members (90) with flat sides (92, 94) which are attached to said sidewalls to serve as a concrete wall form. The ribs define channels (106) for receiving concrete poured therein to form a composite polystyrene and concrete wall structure in the first embodiment and the divisional members serve the same function in the second embodiment. A third embodiment includes a form that is preferably molded to provide essentially the same assembled form construction as that provided by the first two embodiments.

IPC 1-7

E04C 2/00

IPC 8 full level

E04B 2/86 (2006.01)

CPC (source: EP)

E04B 2/8623 (2013.01); **E04B 2/8635** (2013.01)

Designated contracting state (EPC)

AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE

DOCDB simple family (publication)

WO 0118318 A1 20010315; AT E353386 T1 20070215; AU 7112400 A 20010410; AU 777949 B2 20041104; BR 0013684 A 20020507; CA 2382279 A1 20010315; CN 1135286 C 20040121; CN 1372613 A 20021002; DE 60033296 D1 20070322; EP 1214484 A1 20020619; EP 1214484 A4 20050119; EP 1214484 B1 20070207; HK 1050557 A1 20030627; IL 148269 A0 20020912; JP 2003508658 A 20030304; MX PA02002300 A 20020730; NO 20021045 D0 20020301; NO 20021045 L 20020503; TR 200200529 T2 20020621

DOCDB simple family (application)

US 0024304 W 20000831; AT 00959880 T 20000831; AU 7112400 A 20000831; BR 0013684 A 20000831; CA 2382279 A 20000831; CN 00812396 A 20000831; DE 60033296 T 20000831; EP 00959880 A 20000831; HK 03102314 A 20030401; IL 14826900 A 20000831; JP 2001521842 A 20000831; MX PA02002300 A 20000831; NO 20021045 A 20020301; TR 200200529 T 20000831