

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

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Application

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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.

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