

Title (en)
Insulating formwork for concrete wall.

Title (de)
Isolierende Verschalung für Betonmauern.

Title (fr)
Coffrage isolant pour mur en béton.

Publication
EP 0374064 A1 19900620 (EN)

Application
EP 89420495 A 19891215

Priority
CA 586175 A 19881216

Abstract (en)
Disclosed is an insulating formwork for casting a concrete wall, the formwork having a pair of sidewalls each of which is made-up of a plurality of coplanar edge-abutting modular panels (1) made of insulating foam material. Each panel (1) has upper and lower edges with coplanar slits provided therealong, and a pair of vertical end edges respectively provided with a tongue-and-groove (25,27) to form vertical tongue-and-groove joints with other like adjoining panels (1). A rabbet opens onto the panels inner face and onto the panel lower edge. The panels (1) are interconnected by a first group of angle-irons (35) having vertical branches fitting into the upward slits, of the panels, and horizontal branches, pierced with holes, extending toward the panel inner face. The panels (1) are also interconnected by a second group of angle-irons (35) having vertical branches fitting into the downward slits of the panels (1) and horizontal branches, also perced with holes, extending toward the panel inner face and overlapping the horizontal branches of the angle-irons (35) of the first group. The holes register together and the tie-rods (45) hold the sidewalls together. The tie-rods (45) have a central portion between the sidewalls and bent end portions extending through the panels (1).

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E04B 2/86

IPC 8 full level
E04B 2/86 (2006.01)

CPC (source: EP)
E04B 2/8652 (2013.01); **E04B 2002/8688** (2013.01)

Citation (search report)
• [YD] US 4742659 A 19880510 - MEILLEUR SERGE [CA]
• [Y] DE 2041991 A1 19720323 - WOLF HEINZ
• [A] EP 0118374 A2 19840912 - PATURLE SA ETS [FR]
• [A] US 2736188 A 19560228

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