

Title (en)  
DETACHABLE FORMWORK SET WITH A MULTI-LAYERED WALL BLANK

Title (de)  
ABNEHMBARES VERSCHALUNGSSET MIT ZUSCHNITT FÜR EINE MEHRSCICHTIGE WAND

Title (fr)  
ENSEMBLE DE COFFRAGE AMOVIBLE AVEC ÉBAUCHE DE MUR MULTICOUCHES

Publication  
**EP 2405079 A4 20140226 (EN)**

Application  
**EP 10839867 A 20101117**

Priority  
• RU 2010000679 W 20101117  
• RU 2009147163 A 20091221

Abstract (en)  
[origin: EP2405079A1] The removable formwork set with a sandwich wall blank is used, in particular, in construction of cast-in-situ skeleton buildings with different number of floors and sandwich walls. The removable formwork set comprises the tray with sandwich wall blank located in its internal cavity and the form cover. The sandwich wall blank is composed of at least one decorative and at least one heat insulating layer interconnected by reinforcement. The tray comprises a bottom and side pieces positioned at an obtuse angle to the bottom plane and detachable end panels positioned perpendicular to the tray bottom at its ends. The cover comprises a top sheet and side pieces positioned at an obtuse angle to the top sheet plane. The tray has grooves and the formwork cover features interconnection locks. The cover length is less than the tray length by the value equal to the building ceiling height. Use of the formwork set make easier concreting when erecting cast-in-situ skeleton buildings with decorative wall front surface.

IPC 8 full level  
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CPC (source: EP)  
**E04G 11/02** (2013.01); **E04G 11/32** (2013.01)

Citation (search report)  
• [A] WO 9500724 A1 19950105 - NESSA NILS [NO], et al  
• [A] WO 2006081689 A1 20060810 - MEILLEUR SERGE [CA], et al  
• [A] CA 2258985 A1 20000728 - MEILLEUR SERGE [CA]  
• [A] FR 2581111 A1 19861031 - LEGAC YVES [FR]  
• [A] US 1147704 A 19150727 - BRUCKNER ALBERT [US]  
• [A] US 864767 A 19070903 - BICKFORD JOHN D [US]  
• See references of WO 2011078735A1

Cited by  
CN107268984A; CN105625710A

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