

Title (en)
Load bearing composite panel.

Title (de)
Tragende, zusammengesetzte Platte.

Title (fr)
Panneau porteur composé de plusieurs éléments.

Publication
EP 0006756 A2 19800109 (EN)

Application
EP 79301239 A 19790626

Priority
CA 306416 A 19780628

Abstract (en)
A building panel structure and a system for erecting buildings are described which utilize structural foam combined in a unique fashion with rigid framing members to provide low-cost, energy efficient building structures which can be quickly and easily erected. The panel structure comprises rectangular elongated slabs (12) of rigid polystyrene foam material formed at two parallel edges with protruding tongues (18). In use, the slabs are placed edge to edge with fingers of adjacent slabs in abutment and hollow, tubular, rigid frame members (20), disposed in the grooves formed by the adjacent tongues (18), serve to sandwich the abutting tongues of adjacent slabs and secure them together.

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IPC 8 full level
E04B 1/24 (2006.01); **E04B 2/62** (2006.01); **E04B 2/74** (2006.01)

CPC (source: EP)
E04B 1/24 (2013.01); **E04B 2/62** (2013.01); **E04B 2/7411** (2013.01); **E04B 2001/2454** (2013.01); **E04B 2001/2463** (2013.01); **E04B 2001/2472** (2013.01); **E04B 2001/249** (2013.01); **E04B 2001/2496** (2013.01)

Cited by
DK201470705A1; EP2270287A1; CN104481060A; CN103912141A; JP2017101538A; CN114439131A; US10570622B1; US10731341B2; WO2005090702A1; US8959856B2; WO0056989A1; WO2011154539A1; WO2011000591A1; WO9507393A1; US10590653B1; US10640973B1; WO2008020179A1; WO8102175A1; WO2016025987A3

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