

Title (en)

COMPOSITE CEMENT-FOAM PANEL AND ROOF DECK SYSTEM

Title (de)

PLATTE AUS ZEMENT-SCHAUMSTOFFVERBUNDMATERIAL UND DACHTERRASSENSYSTEM

Title (fr)

PANNEAU COMPOSITE CIMENT-MOUSSE ET SYSTEME DE TOITURE OU DE TERRASSE

Publication

**EP 1931835 A1 20080618 (EN)**

Application

**EP 06733554 A 20060428**

Priority

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- SG 2005064720 A 20051005

Abstract (en)

[origin: WO2007040461A1] A roof or deck cladding panel and construction. Each cladding panel has a light weight core material, with one or more channels formed by grooves extending across a bottom surface of the core material. A rigid concrete casing is formed over a top and sides of the core material and extends to the bottom edges of the core material. The grooves in the bottom of the core material extend through bottom portions of the rigid casing, forming at least one continuous channel across the bottom of the cladding panel. Thus, water beneath the cladding panel is presented an open passage to flow to a drainage, eliminating the need to attempt to waterproof or seal the joints between cladding panels. The cladding panels are laid down directly onto a membrane to protect the membrane, and are immediately ready for foot traffic.

IPC 8 full level

**E04B 2/32** (2006.01)

CPC (source: EP KR)

**B28B 19/003** (2013.01 - EP); **E04B 2/32** (2013.01 - KR); **E04C 2/04** (2013.01 - KR); **E04D 3/04** (2013.01 - KR); **E04D 11/00** (2013.01 - EP); **E04D 13/0477** (2013.01 - EP)

Citation (search report)

See references of WO 2007040461A1

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