

Title (en)
Bionic building system

Title (de)
Bionisches Bausystem

Title (fr)
Système de construction bionique

Publication
EP 1983117 A3 20110615 (DE)

Application
EP 08007441 A 20080416

Priority
DE 102007018223 A 20070416

Abstract (en)
[origin: EP1983117A2] Wood-concrete composite element comprises flat concrete elements (2) and wood elements (4a) arranged in a grid in planes (8). The concrete elements are joined to the wood elements. An independent claim is also included for a building with the above wood-concrete composite element. Preferred Features: The concrete elements are reinforced with textile fibers. The wood elements form a structure with cells and/or channels (5).

IPC 8 full level
E04B 1/26 (2006.01); **E04B 5/12** (2006.01)

CPC (source: EP)
E04B 1/14 (2013.01); **E04C 2/26** (2013.01)

Citation (search report)

- [XA] DE 10030729 A1 20020103 - MUCK PETER [DE]
- [A] DE 10227099 A1 20040115 - WEINMANN HOLZBAUSYSTEMTECHNIK [DE]
- [A] DE 29622260 U1 19970206 - LIGNOTREND HOLZBLOCKTAFEL SYST [DE]

Cited by
CN113006273A

Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MT NL NO PL PT RO SE SI SK TR

Designated extension state (EPC)
AL BA MK RS

DOCDB simple family (publication)
DE 202008005280 U1 20080807; EP 1983117 A2 20081022; EP 1983117 A3 20110615; EP 1983117 B1 20131211

DOCDB simple family (application)
DE 202008005280 U 20080416; EP 08007441 A 20080416