

Title (en)

FLOOR, CEILING OR WALL STRUCTURE WITH HIGHLY EFFECTIVE THERMAL INSULATION

Title (de)

HOCHWÄRMEDÄMMEND AUSGERÜSTETER BODEN-, DECKEN- ODER WANDAUFBAU

Title (fr)

STRUCTURE DE PLANCHER, DE PLAFOND OU DE CLOISON ASSURANT UNE TRES BONNE ISOLATION THERMIQUE

Publication

EP 0805902 B1 20040929 (DE)

Application

EP 96902916 A 19960124

Priority

- DE 19502238 A 19950125
- DE 29520224 U 19951220
- EP 9600289 W 19960124

Abstract (en)

[origin: WO9623110A1] A floor, ceiling or wall structure with highly effective thermal insulation comprises an insulating element (3) between a supporting substructure (2) and a surface lining (1). The insulating element (3) contains a large number of rigid support filaments (5) at right angles to the lining and the substructure. In order to ensure thermal decoupling of the substructure (2) from the lining (1), the latter are separated by a large cavity (4) in the insulating element (3). The insulating element (3) preferably consists of a resin-impregnated, cured textile spacing material made of glass, ceramic, plastic or carbon fibres.

IPC 1-7

E04B 1/76; **E04F 15/18**; **E04C 2/16**

IPC 8 full level

E04B 1/76 (2006.01); **E04C 2/16** (2006.01); **E04F 15/18** (2006.01)

CPC (source: EP)

E04B 1/7612 (2013.01); **E04B 1/7675** (2013.01); **E04C 2/16** (2013.01); **E04F 15/18** (2013.01); **E04F 15/182** (2013.01); **E04F 15/185** (2013.01); **E04F 2203/065** (2013.01)

Designated contracting state (EPC)

AT CH DE GB LI

DOCDB simple family (publication)

WO 9623110 A1 19960801; AT E278075 T1 20041015; AU 4713896 A 19960814; DE 19680027 D2 19990512; EP 0805902 A1 19971112; EP 0805902 B1 20040929

DOCDB simple family (application)

EP 9600289 W 19960124; AT 96902916 T 19960124; AU 4713896 A 19960124; DE 19680027 T 19960124; EP 96902916 A 19960124