

Title (en)

False ceiling coffer with sound-dampening layer

Title (de)

Kassette für Unterdecke mit schallschluckender Schicht

Title (fr)

Caisson pour faux plafond à couche acoustiquement absorbante

Publication

**EP 0690182 A3 19960717 (DE)**

Application

**EP 95109505 A 19950620**

Priority

DE 9410541 U 19940630

Abstract (en)

[origin: EP0690182A2] The cassette is suspended via a holding structure from the main ceiling, and has a flat bottom (3) with visible underside and containing a large number of holes (7). Edges extending upwards from the bottom engage with the structure, and there is a layer of sound-absorbent material (8) at the bottom. This consists of organically-bonded plaster, in which are particles (9) larger than the diameter of the holes in the bottom. The plaster can be sprayed into place, and an aqueous copolymer plastics dispersion can be used as the bonding agent. The particles can be grains of marble and of 1.2 to 4 mm. diameter, while that of the holes can be between 1 and 4 mm. Part of the plaster can extend through the holes to the other side. <IMAGE>

IPC 1-7

**E04B 9/00**; **E04C 2/26**; **E04B 1/84**

IPC 8 full level

**E04B 1/84** (2006.01); **E04B 9/00** (2006.01); **E04B 9/04** (2006.01); **E04C 2/26** (2006.01)

CPC (source: EP)

**E04B 9/0485** (2013.01)

Citation (search report)

- [Y] DE 3147174 A1 19830601 - STOTMEISTER GMBH [DE]
- [Y] DE 3936665 A1 19910508 - BABAR S A [LU]
- [Y] GB 2190409 A 19871118 - A E FARR LIMITED
- [YA] GB 1557318 A 19791205 - ICI LTD

Cited by

US8061478B2

Designated contracting state (EPC)

AT BE CH DE FR GB IT LI NL

DOCDB simple family (publication)

**EP 0690182 A2 19960103**; **EP 0690182 A3 19960717**; **EP 0690182 B1 19991215**; AT E187788 T1 20000115; DE 59507415 D1 20000120; DE 9410541 U1 19941006

DOCDB simple family (application)

**EP 95109505 A 19950620**; AT 95109505 T 19950620; DE 59507415 T 19950620; DE 9410541 U 19940630