

Title (en)
FALSE CEILING

Title (de)
UNTERDECKE

Title (fr)
FAUX PLAFOND

Publication
EP 0697051 A1 19960221 (DE)

Application
EP 94915072 A 19940420

Priority
• DE 4312885 A 19930420
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Abstract (en)
[origin: US5740649A] PCT No. PCT/EP94/01277 Sec. 371 Date Oct. 19, 1995 Sec. 102(e) Date Oct. 19, 1995 PCT Filed Apr. 20, 1994 PCT Pub. No. WO94/24382 PCT Pub. Date Oct. 27, 1994A false ceiling for buildings designed to absorb acoustic waves has perforated plates. One or several suspended plates (1, 6) are provided which are so hard that they cannot vibrate. The plates have a plurality of regularly or irregularly arranged holes (4, 7) with 0.2-3 mm diameter, the surface of the holes being less than 4% of the total surface. The air in the holes (4, 7) forms with the overlying cavities (11) a dampening active mass system of the foil absorber type.

IPC 1-7
E04B 9/00; **E04B 1/86**

IPC 8 full level
E04B 1/82 (2006.01); **E04B 1/86** (2006.01); **E04B 9/00** (2006.01); **E04B 1/84** (2006.01)

CPC (source: EP US)
E04B 1/86 (2013.01 - EP US); **E04B 9/001** (2013.01 - EP US); **E04B 2001/8281** (2013.01 - EP US); **E04B 2001/8433** (2013.01 - EP US); **E04B 2001/8442** (2013.01 - EP US); **E04B 2001/8495** (2013.01 - EP US)

Citation (search report)
See references of WO 9424382A1

Cited by
DE19730355C1; DE10019543A1; DE10019543C2; EP1146178A2; WO2012149659A2; US9273870B2

Designated contracting state (EPC)
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US 5740649 A 19980421; AT E147118 T1 19970115; CN 1074492 C 20011107; CN 1121364 A 19960424; DE 4312885 A1 19941027; DE 59401480 D1 19970213; DK 0697051 T3 19970120; EP 0697051 A1 19960221; EP 0697051 B1 19970102; ES 2098938 T3 19970501; GR 3022213 T3 19970430; JP H09502490 A 19970311

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