

Title (en)  
FALSE CEILING

Title (de)  
UNTERDECKE

Title (fr)  
FAUX PLAFOND

Publication  
**EP 0697051 B1 19970102 (DE)**

Application  
**EP 94915072 A 19940420**

Priority  
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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)  
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Cited by  
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