

Title (en)
SOUND INSULATION CONSTRUCTION ELEMENT

Publication
EP 0020628 B1 19830216 (DE)

Application
EP 79901617 A 19800617

Priority
CH 1253178 A 19781211

Abstract (en)
[origin: WO8001184A1] The plate like insulation element (1) comprises chambers (5, 6) of which the walls (2, 3, 4) are at least partly made of a deformable flexible material. The chambers are filled with a pulverulent or granular material, for example a metal powder. The chambers (5), are of a small size in the vertical direction but may form channels in the horizontal direction, this arrangement allows not only the improvement of the insulation capacity by increasing the specific weight of the panel, but also the elimination of the resonance phenomena for frequencies comprised between 100 and 3000 Hz.

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E04B 1/86

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

CPC (source: EP US)
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CH 7900156 W 19791210; AT 905179 A 19791210; BE 198486 A 19791210; CH 1253178 A 19781211; DE 2953356 A 19791210; DE 2953356 D 19791210; EP 79901617 A 19800617; GB 8025623 A 19791210; IT 2800279 A 19791207; JP 50211479 A 19791210; NL 7920159 A 19791210; SE 8005621 A 19800808; US 20050780 A 19800811