

Title (en)
PLATE RESONATOR

Title (de)
PLATTENRESONATOR

Title (fr)
RESONATEUR A PLAQUES

Publication
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Application
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Abstract (en)
[origin: US5975238A] PCT No. PCT/EP96/00751 Sec. 371 Date Dec. 24, 1997 Sec. 102(e) Date Dec. 24, 1997 PCT Filed Feb. 23, 1996 PCT Pub. No. WO96/26331 PCT Pub. Date Aug. 29, 1996The invention concerns a plate resonator for absorbing sound and including a thin front plate with high elasticity and low internal friction, e.g., made of metal; a back plate which likewise has high elasticity but which has high internal friction; an all-over solid connection between the front and back plates in the form of a bonded connection (e.g. double-sided adhesive tape); and a border which is closed all around by the back plate but does not prevent sound entering the back plate from the side.

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IPC 8 full level
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