

Title (en)
Soundproofing panel for acoustic barriers

Title (de)
Plattenelement für eine Lärmschutzwand

Title (fr)
Panneau acoustique pour barriere antibruit

Publication
EP 1069243 A2 20010117 (EN)

Application
EP 00115350 A 20000714

Priority
• IT BO990394 A 19990714
• IT BO990467 A 19990901
• IT BO990557 A 19991015

Abstract (en)
A soundproofing panel (1) for acoustic barriers, which is defined exclusively by a sheet (2) preferably, though not exclusively, made of metal, and having, on one of the two lateral surfaces, a number of longitudinal sound-breaking fins (3) parallel to and facing one another, and each for breaking the front (F) of the incident sound wave; the longitudinal sound-breaking fins (3) having a T-shaped section, and being equally spaced along the whole lateral surface (2a) of the sheet (2) to define a number of open gaps (4) for preventing propagation of the incident sound wave; each gap (4) possibly housing an insert (9) of soundproofing and/or sound-absorbing material; and the back of each gap (4) possibly having drawings (11) with the concavity selectively facing inwards or outwards of the gap (4) to vary the total volume of each gap (4) on the soundproofing panel (1) as required. <IMAGE>

IPC 1-7
E01F 8/00

IPC 8 full level
E01F 8/00 (2006.01)

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Cited by
KR100507755B1; CN111749151A; CN109192190A

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