

Title (en)
Sound absorbing and insulating barrier.

Title (de)
Schallschluck- und -isolierungswand.

Title (fr)
Paroi à haute absorption et isolation phonique.

Publication
EP 0385087 B1 19931020 (FR)

Application
EP 90101185 A 19900122

Priority
CH 79289 A 19890303

Abstract (en)
[origin: EP0385087A2] The invention relates to a barrier wall as is used along motorways or railway lines. It is formed from several sound-absorbing elements (4) disposed obliquely inside retention sections (1) and provided with a solid panel (5) forming the rear covering of the barrier wall. For the purpose of improving above all the acoustic absorption and insulation effectiveness, the invention is characterised in that the sound-absorbing elements (4) made from fibres bonded together are self-supporting in that at least two faces of these elements are clad with a water-impermeable and elastic rubbery layer, and in that the absorbing surface is greater than the plane surface of the barrier wall. <IMAGE>

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IPC 8 full level
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E01F 8/007 (2013.01)

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EP0949381A3; EP1770216A1

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EP 0385087 A2 19900905; **EP 0385087 A3 19910612**; **EP 0385087 B1 19931020**; AT E96191 T1 19931115; CH 679601 A5 19920313; DE 69003971 D1 19931125; DE 69003971 T2 19940505

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