

Title (en)  
Self-supporting soundproofing and retaining prefabricated concrete panel

Title (de)  
Selbstragende schallschützende vorgefertigte Stützplatte aus Beton

Title (fr)  
Panneau de soutènement antibruit préfabriqué, autoportant et en béton

Publication  
**EP 1916338 A1 20080430 (EN)**

Application  
**EP 06022356 A 20061025**

Priority  
EP 06022356 A 20061025

Abstract (en)  
This invention relates to a self-supporting prefabricated concrete panel designed for use in the construction of road and motorway barriers, which said panel simultaneously performs a soundproofing function and a road embankment retaining function. More particularly, the panel according to the invention comprises a foot or base to be anchored to a foundation structure and an upright part which comprises a lower structure designed to act as a retaining wall for the road embankment, and an upper structure designed to project from the roadbed which is constructed in such a way as to have sound-absorbing and soundproofing characteristics. The panel according to the invention takes up a minimal amount of space, with the result that it is particularly suitable for use in all cases in which there is little working space available, as in the case of road-widening work or the addition of a motorway lane.

IPC 8 full level  
**E01F 8/00** (2006.01); **E02D 29/02** (2006.01)

CPC (source: EP)  
**E01F 8/0017** (2013.01); **E01F 8/007** (2013.01); **E02D 29/00** (2013.01)

Citation (search report)

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