

Title (en)

Support of a sound absorbing wall along a traffic route

Title (de)

Halierung einer Schallschluckwand längs eines Verkehrsweges

Title (fr)

Support d'écran acoustique le long d'une voie de déplacement de véhicules

Publication

EP 0744497 B1 19991215 (FR)

Application

EP 96401083 A 19960517

Priority

FR 9506195 A 19950524

Abstract (en)

[origin: EP0744497A1] The support comprises vertical posts (12) mounted the length of the road. Panels (10) constituting the screen are screwed to the posts along their vertical edges. Each panel is fixed to the posts by rubber or elastomer pegs (30) which are fixed to the panel edges. The fixing pegs are cylindrical or have a U shaped section and are fixed at their edges (34) on the panel and by their bottom wall on the posts. The pegs have a compression stiffness in a direction perpendicular to the panel which is greater than the shearing stiffness in the plane of the panel. The pegs are fixed to the posts by bolts (18) which pass through their bottom and through holes (28) in the panel edges. The holes have a size greater than that of the threaded rods to allow displacement of the panel relative to the bolts in the panel plane.

IPC 1-7

E01F 8/00

IPC 8 full level

E01F 8/00 (2006.01)

CPC (source: EP)

E01F 8/0011 (2013.01); **E01F 8/0017** (2013.01)

Cited by

ITBO20080517A1; EP1760199A3; DE19745110A1; DE19745110C2; CN117589399A; ITBO20080518A1; CN106522117A; WO2010016016A1; WO2010016013A1

Designated contracting state (EPC)

DE ES FR GB IT NL SE

DOCDB simple family (publication)

EP 0744497 A1 19961127; **EP 0744497 B1 19991215**; DE 69605596 D1 20000120; DE 69605596 T2 20000817; FR 2734586 A1 19961129; FR 2734586 B1 19970725

DOCDB simple family (application)

EP 96401083 A 19960517; DE 69605596 T 19960517; FR 9506195 A 19950524