

Title (en)

Sound-resistant and sound-absorbent noise barrier

Title (de)

Schalldichte und schalldämpfende Lärmschutzvorrichtung

Title (fr)

Barrière sonore à absorption sonore et à résistance acoustique

Publication

EP 2014833 A3 20120125 (EN)

Application

EP 08003554 A 20080227

Priority

IT PI20070080 A 20070711

Abstract (en)

[origin: EP2014833A2] Sound-resistant and sound-absorbent noise barrier 101 constituted by in plant preassembled modules 1.0 Each module comprises panels 2 in "Porenbenton" overlapped on each other by means of tie bars 17 fitted to a supporting base. The panels are then packed to each other realizing the module 1 that is transportable for the laying in loco. Each panel 2 constituting the module, has two slots 4' in correspondence to the lateral faces within which rest two supporting vertical posts 4 that support each module. The slot is such that, preferably, the post is hidden inside of it. Moreover a solidifying fluid casting 10, allows the creation of a groove-and-tongue profile that makes easy and functional the lateral coupling between a module and another one during the laying of the barrier. Moreover there are no visible supporting elements that interrupt the continuity of the same barrier. A combination of horizontal 50 and vertical 60 holes can be realized on the barrier to improve its soundproofing and sound damping features.

IPC 8 full level

E01F 8/00 (2006.01)

CPC (source: EP)

E01F 8/0011 (2013.01); **E01F 8/0023** (2013.01); **E01F 8/0029** (2013.01)

Citation (search report)

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- [X] DE 9113416 U1 19911212
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Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MT NL NO PL PT RO SE SI SK TR

Designated extension state (EPC)

AL BA MK RS

DOCDB simple family (publication)

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