

Title (en)

Wall element with noise absorption with a metal casing

Title (de)

Lärmschutzwandelement mit Metallgehäuse

Title (fr)

Élément de cloison de protection contre le bruit avec boîtier métallique

Publication

EP 1923507 A1 20080521 (DE)

Application

EP 07120644 A 20071114

Priority

DE 102006053777 A 20061115

Abstract (en)

The wall unit has a metallic outer covering whose inner side is provided with a sound-absorbing material. Holes are provided in the inner side, where the metallic outer covering has an extruded profile (1) made of light metal as a single piece. The extruded profile is closed at four sides relative to the cross section, where the outer covering is made of aluminum or aluminum alloy. A noise protection plate (2) has a distance of 2 centimeters for a wall of the covering, where the plate has openings at bottom side for the discharge of rain water.

Abstract (de)

Das Lärmschutzwandelement besteht aus einem Strangpreßprofil (1) aus Aluminium, das auf der lärmzugewandten Seite (3) Löcher zum Schalldurchtritt aufweist. Im Inneren des Strangpreßprofils (1) befindet sich, mit Abstand zur Metallwandung, eine formstabile Lärmschutzmatte (2), zum Beispiel aus stabilisierter Mineralwolle.

IPC 8 full level

E01F 8/00 (2006.01)

CPC (source: EP)

E01F 8/007 (2013.01)

Citation (search report)

- [X] DE 10326250 A1 20050113 - HELTRIEGEL GERD [DE]
- [X] DE 202005005428 U1 20050707 - WAGNER ALFRED EISENHANDEL [DE]
- [X] CH 672932 A5 19900115 - MONTANA STAHL AG

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC MT NL PL PT RO SE SI SK TR

Designated extension state (EPC)

AL BA HR MK RS

DOCDB simple family (publication)

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