

Title (en)
Transportable sound absorbing wall

Title (de)
Transportable Schallabsorberwand

Title (fr)
Paroi transportable absorbante phonique

Publication
EP 2647775 A2 20131009 (DE)

Application
EP 13001355 A 20130318

Priority
DE 202012003451 U 20120403

Abstract (en)
The wall has individual absorber panels (20-23) stacked on one another and comprising stable circular support frames (30), where sound-absorbing plates (40) are flush-mounted at the support frames. Horizontal frame portions (30b) of the support frames of the stacked panels are mechanically connected with each other to form a self-supporting stack. The horizontal frame portions comprise holes for retaining bolts such that the holes of the stacked panels are aligned with each other in a perpendicular direction. The panels are coated with a sound-absorbing non-woven fabric or a color layer.

Abstract (de)
Um eine transportable Schallabsorberwand zu schaffen, welche aus einzelnen Absorberpaneelen besteht, die sich mühelos zu einer standsicheren Schallabsorberfläche aufbauen und leicht transportieren lassen, wird vorgeschlagen, dass jedes der Absorberpaneele (20, 21, 22, 23) einen stabilen, umlaufenden Tragrahmen (30) aufweist. An jedem Tragrahmen (30) ist eine schallabsorbierende Platte (40) bündig befestigt. Die horizontalen Rahmenabschnitte (30b) der Tragrahmen (30) von aufeinander gestapelten Absorberpaneelen (20, 21, 22, 23) sind mechanisch zu einem selbsttragenden Stapel verbindbar.

IPC 8 full level
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CPC (source: EP)
E04B 1/8227 (2013.01)

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