

Title (en)  
CONSTRUCTION SYSTEM FOR A SOUND-DAMPING SCREEN

Publication  
**EP 0043134 A3 19820113 (DE)**

Application  
**EP 81105037 A 19810629**

Priority  
DE 3024574 A 19800628

Abstract (en)  
[origin: EP0043134A2] Screen elements which, for the purpose of forming a screen of a sound-damping screen, have to be fixed next to one another and against one another are connected by means of plug-in or notched elements (13) which can be mounted on site in a simple and foolproof fashion without special tools and are easy to disassemble for replacements. The plug-in elements can consist of connecting pieces (13), which accommodate in a retaining slot (15) the inwardly folded retaining limb (12) of the frame (11), running round on the end face, of each screen element (10), and at the other end engage from behind with flexible retaining tongues (17) a plug-in cutout (18) of a connecting link (19), which is common to a plurality of connecting pieces (13) and ensures mutual connection. It is possible in a similar fashion for an end-face cover of the screen to be fastened, by means of connecting pieces mounted correspondingly on the retaining limbs (12), via bendable tongues, which engage through fastening cutouts of the retaining edges of the upstream cover. Alternatively, it is possible to provide resilient elements made of steel which embrace one retaining rim (12) in a corresponding fashion and snap in retainingly on the inner edge of the adjacent retaining rim (12) of the adjacent screen element (10). Instead of on the opposite inner edge of the retaining limb (12), this fastening possibility can also be realised on the upstream end wall of the screen, it being possible for a retaining rim of an upstream cover to be plugged into a retaining slot provided on the outside of the notched elements, and retained there by means of suitable claw elements or the like. <IMAGE>

IPC 1-7  
**E04B 1/86**

IPC 8 full level  
**E04B 1/82** (2006.01); **E04B 1/84** (2006.01)

CPC (source: EP)  
**E04B 1/8227** (2013.01); **E04B 2001/8452** (2013.01)

Citation (search report)  
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• [A] DE 2706591 B1 19780316 - SCHWING BAU D UDERSTAEDT KG  
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**EP 0043134 A2 19820106; EP 0043134 A3 19820113; DE 3024574 A1 19820121**

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