

Title (en)
CONNECTING DEVICE FOR TWO CONSTRUCTION PARTS

Publication
EP 0054177 B1 19840418 (DE)

Application
EP 81109403 A 19811030

Priority
DE 3047133 A 19801215

Abstract (en)
[origin: EP0054177A1] 1. Means for connecting two constructional parts (8) in safe position comprising retaining rims (7) spaced apart from each other at surfaces preferably disposed at least approximately at a common level and being overlapped by the connecting means, particularly but not exclusively for connecting panel elements of a panel of a sound absorbing system, each element comprising a frame circumferentially extending at the perimeter thereof and having retaining webs (12) bent inwardly to the plane of the panel surface, said means comprising a) two bearing portions (2) positioned endwise opposite each other for engaging the retaining rims (7) of the constructional parts (8) and b) with a flat connecting portion (3) being arranged between the bearing portions (2) and capable of transmitting tensile forces, characterized in c) that each connecting means consists of two connecting elements (1), c1) at each one of which one of the two bearing portions (2) is provided and c2) which in the connecting portion (3) at least in part overlap each other in an overlap region, and d) that the connecting elements (1) in the overlap region (11) of the connecting portion (3) are provided with engaging detent means (teeth 10) and detent counter means (detent latch 6) enabling a locking engagement in different spacings of the bearing portions (2).

IPC 1-7
E04B 1/82; **E04B 1/60**

IPC 8 full level
E04B 1/61 (2006.01); **E04B 1/82** (2006.01); **E04B 1/86** (2006.01); **E04B 1/84** (2006.01)

CPC (source: EP)
E04B 1/6116 (2013.01); **E04B 1/86** (2013.01); **E04B 2001/8452** (2013.01)

Cited by
US4627777A; WO8400991A1

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